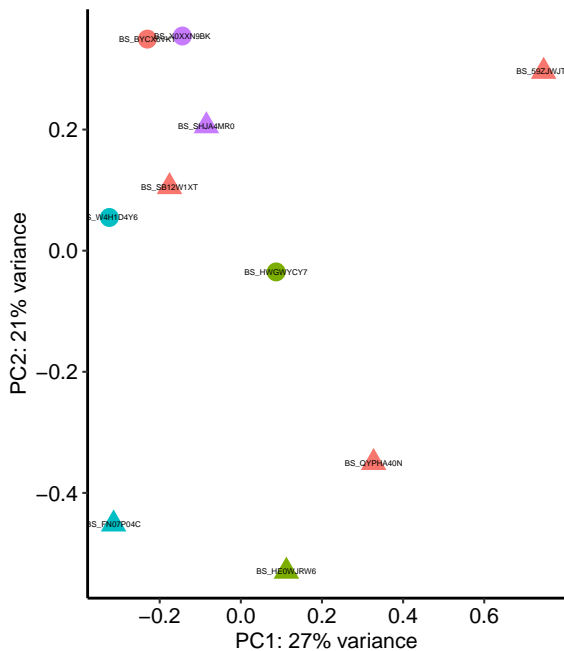
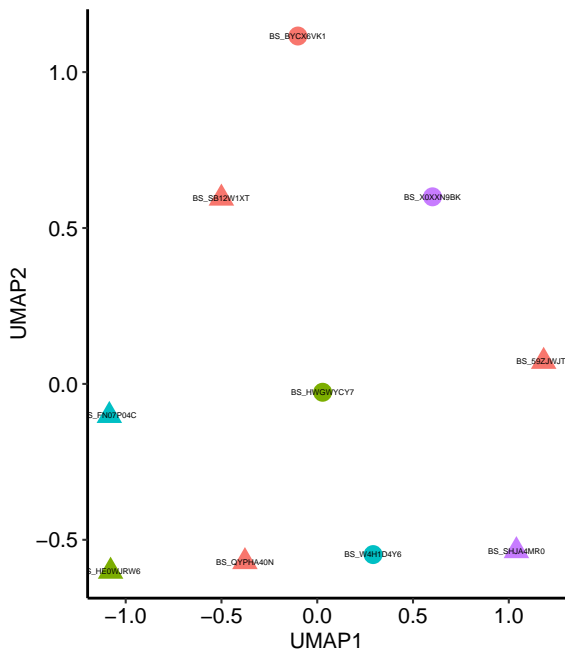


PCA: RUVg output (k = 1)

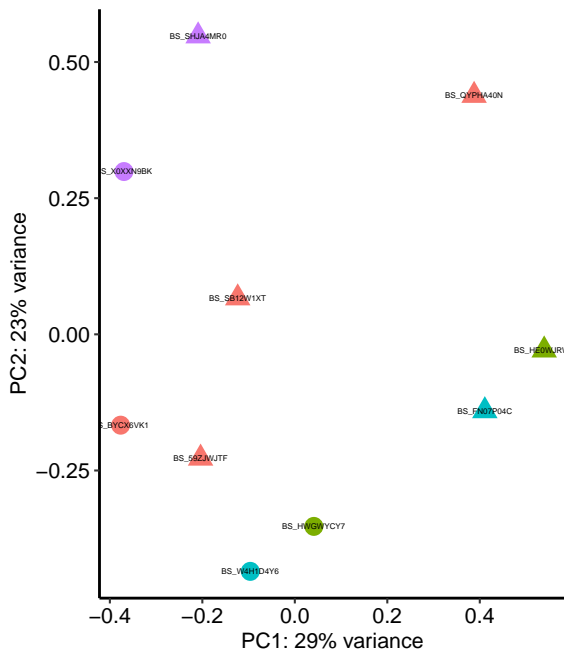


UMAP: RUVg output (k = 1)

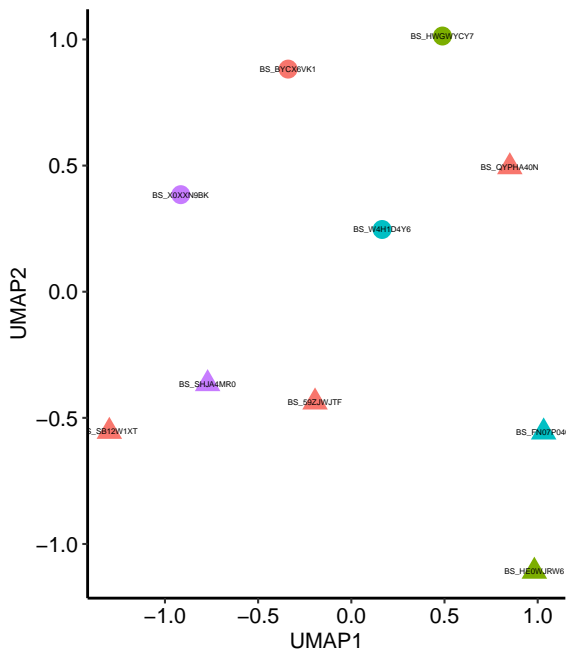


rna_library ● poly-A ▲ stranded

PCA: RUVg output ($k = 2$)



UMAP: RUVg output ($k = 2$)



rna_library ● poly-A ▲ stranded

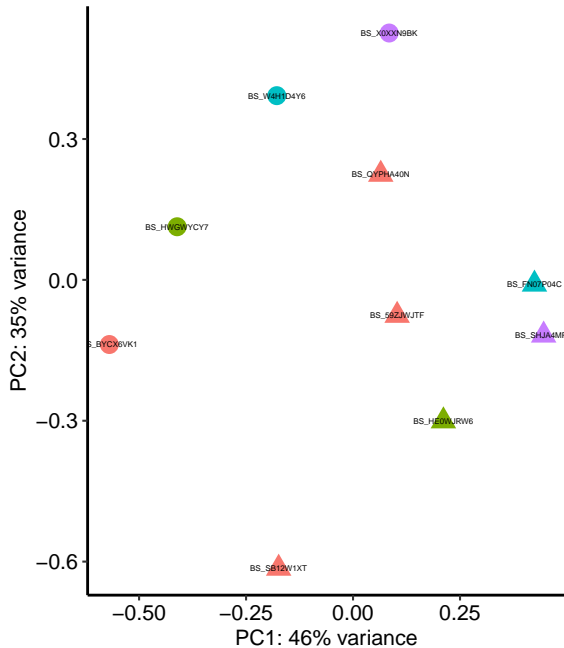
UMAP2

UMAP1

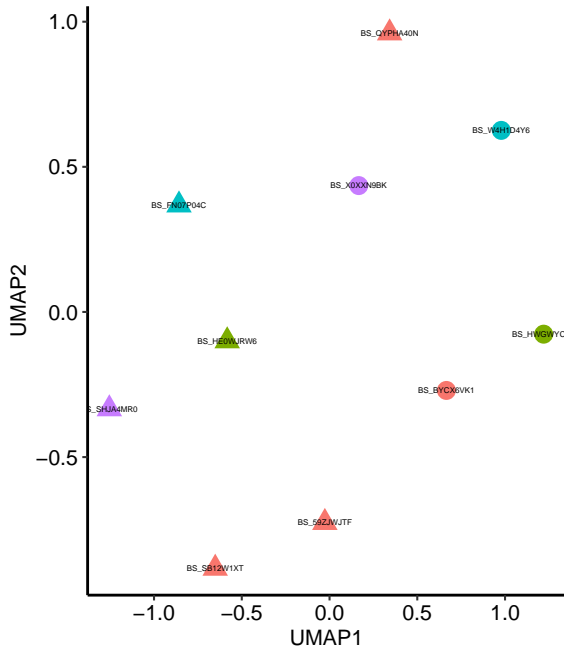
Sample ID	UMAP1	UMAP2	Group
BS_W4H1D4Y6	-1.0	0.6	TE
BS_BYC6VK1	-0.6	1.1	TE
BS_X0XXN9BK	0.0	1.3	TE
BS_QYPHA40N	0.5	0.8	TE
BS_H1WCHYCY7	-0.4	0.4	TE
BS_56ZMJTF	-0.4	-0.4	TE
BS_SS12W1XT	-0.3	-1.0	TE
BS_H2W1JRW6	0.3	-1.1	TE
BS_SHUA4MR0	0.7	-0.5	TE
BS_FN07P04	1.0	-1.0	TE

stranded

PCA: RUVg output (k = 4)

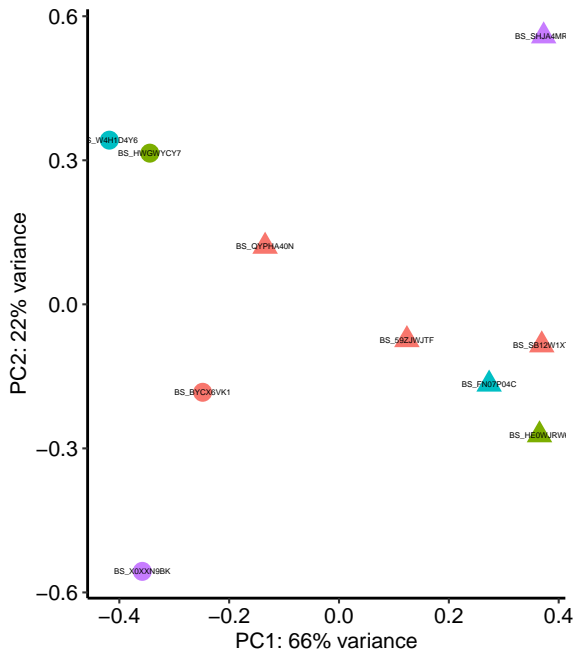


UMAP: RUVg output (k = 4)

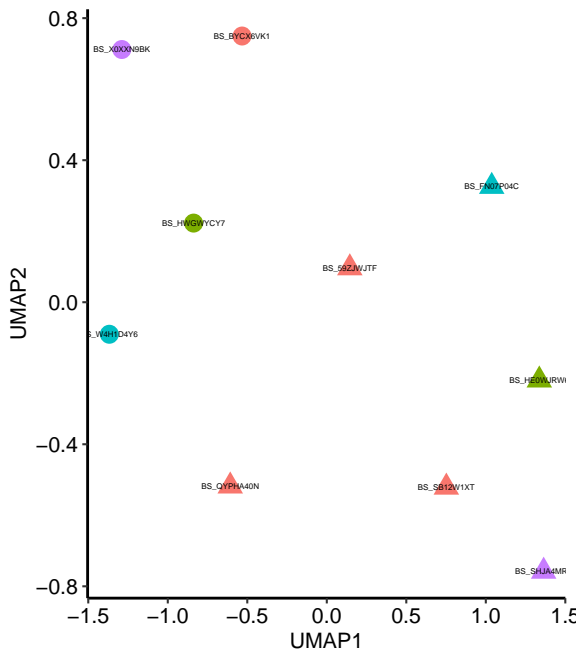


rna_library ● poly-A ▲ stranded

PCA: RUVg output (k = 5)



UMAP: RUVg output (k = 5)



rna_library ● poly-A ▲ stranded