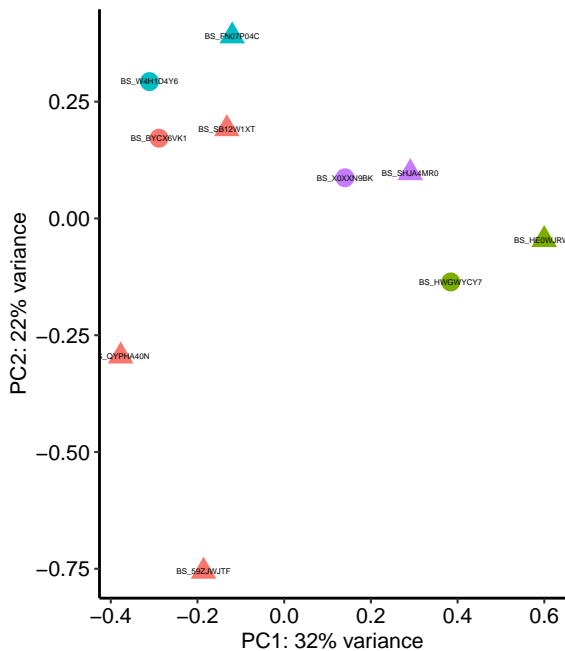
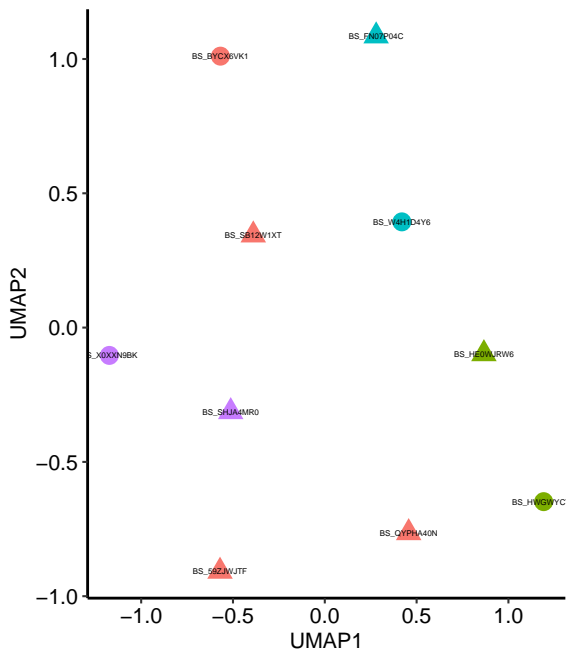


PCA: RUVg output (k = 1)

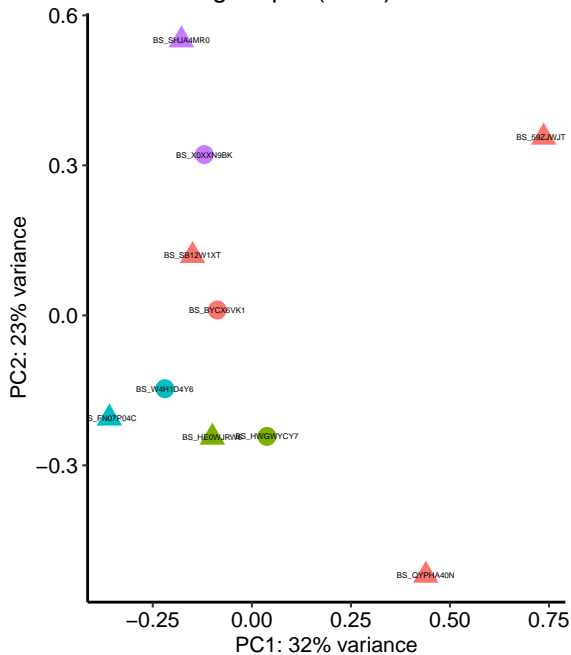


UMAP: RUVg output (k = 1)

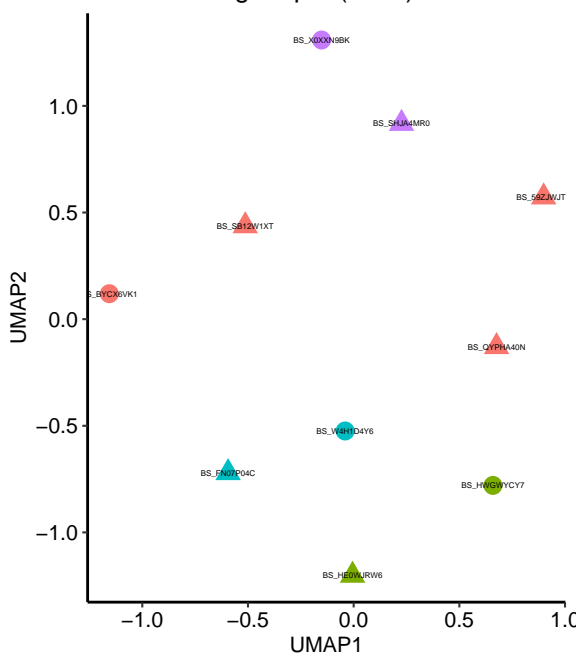


rna_library ● poly-A ▲ stranded

PCA: RUVg output (k = 2)

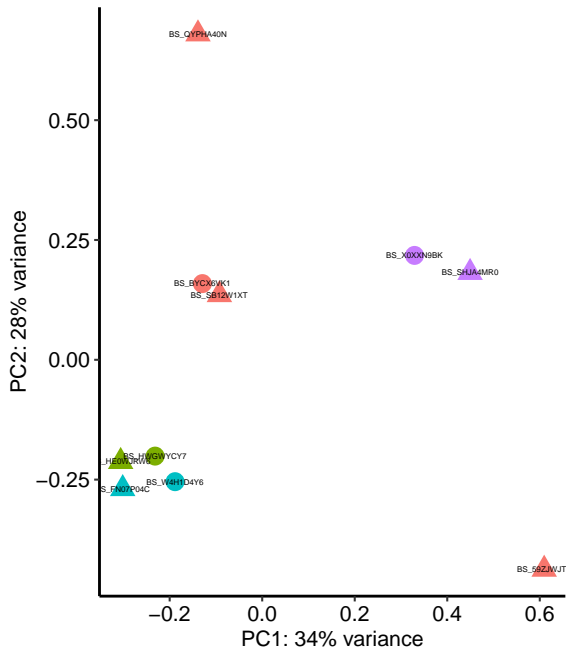


UMAP: RUVg output (k = 2)

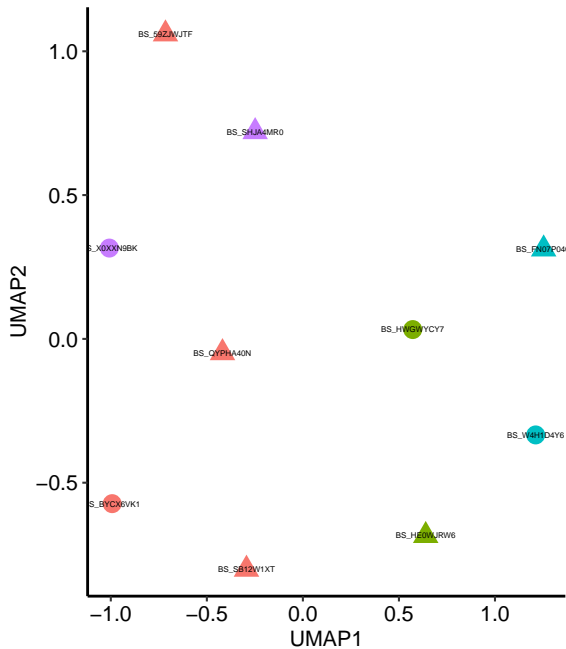


rna_library ● poly-A ▲ stranded

PCA: RUVg output (k = 3)



UMAP: RUVg output (k = 3)



rna_library ● poly-A ▲ stranded

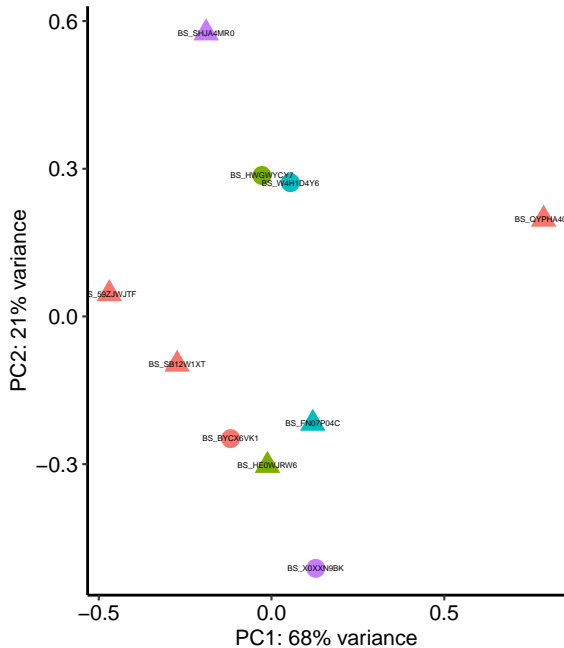
UMAP2

UMAP1

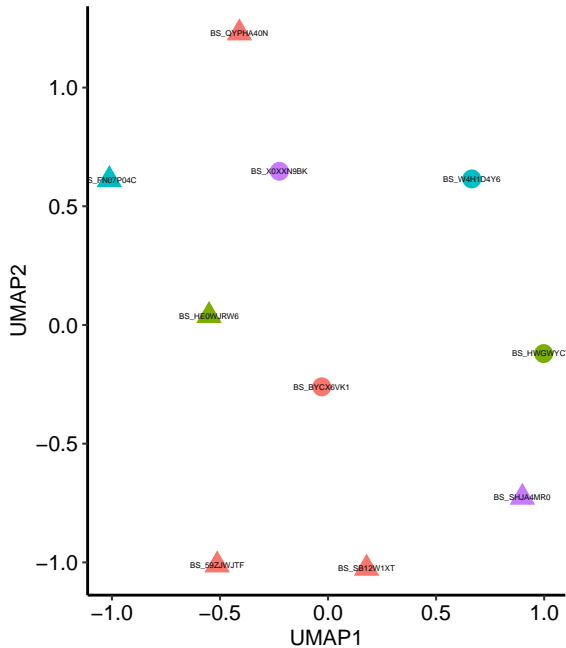
Sample ID	UMAP1	UMAP2	Region
BS_QYPIA40N	-1.0	-0.4	SN
BS_XOXXN9BK	-0.8	0.25	SN
BS_FND7P04C	-0.35	-0.2	SN
BS_W4HND4Y6	-0.3	-0.9	SN
BS_BYCX6VK1	-0.35	0.9	SN
BS_S6T2W1XT	0.2	1.1	SN
BS_HNGWYCY7	0.4	0.1	SN
BS_56ZJWJTF	0.5	-1.0	SN
BS_SHU44MR0	0.85	-0.3	SN
BS_H2OWJRV	0.9	0.5	SN

stranded

PCA: RUVg output (k = 5)



UMAP: RUVg output (k = 5)



rna_library ● poly-A ▲ stranded