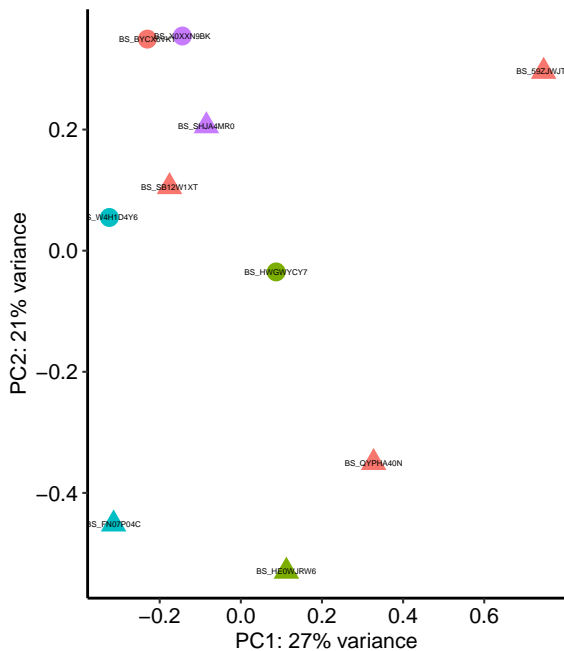
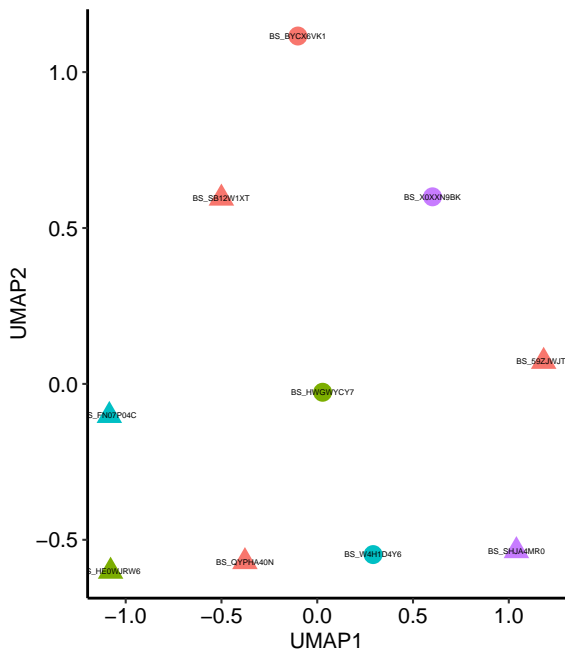


PCA: RUVg output (k = 1)

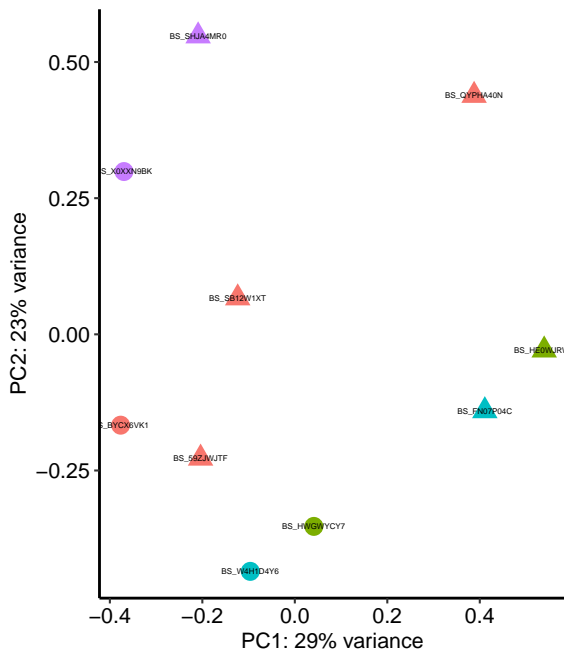


UMAP: RUVg output (k = 1)

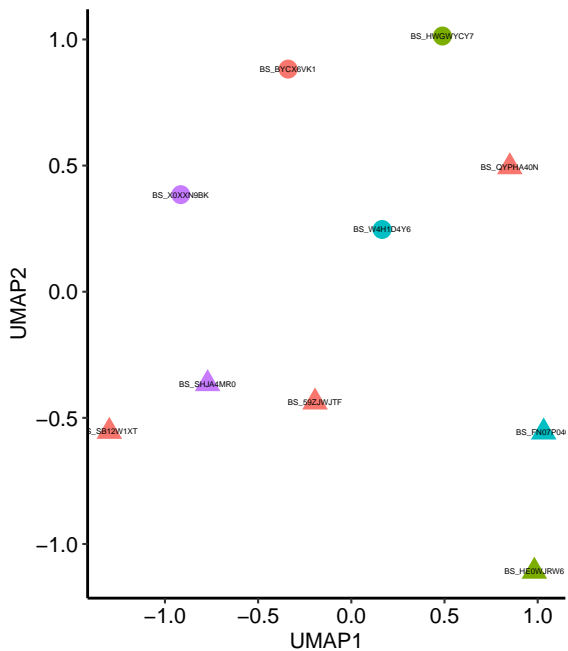


rna_library ● poly-A ▲ stranded

PCA: RUVg output (k = 2)



UMAP: RUVg output (k = 2)



rna_library ● poly-A ▲ stranded

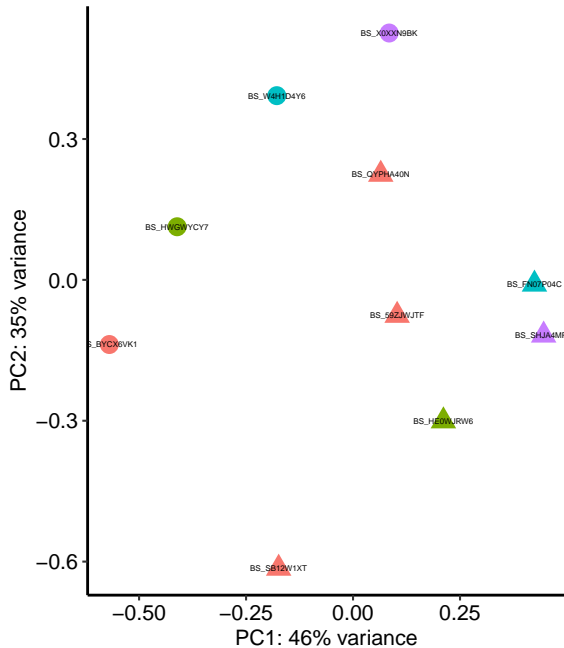
UMAP2

UMAP1

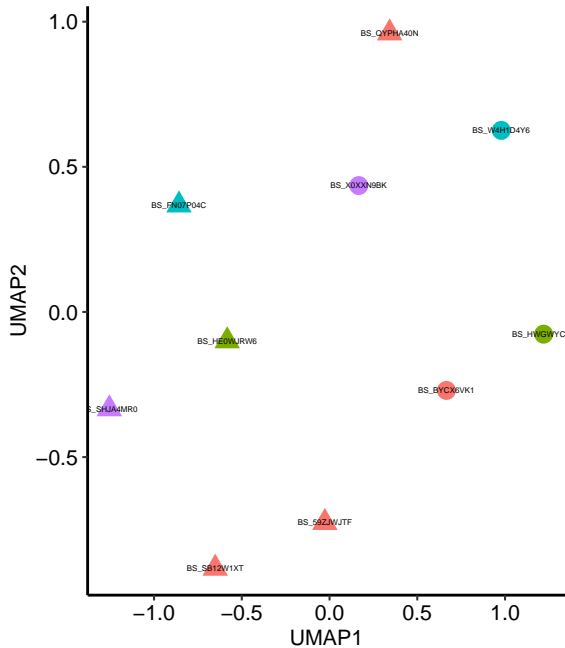
Sample ID	UMAP1	UMAP2	Group
BS_W4H1D4Y6	-1.0	0.6	Group 1 (Cyan Circle)
BS_BYCXBVK1	-0.6	1.1	Group 2 (Red Circle)
BS_X0XXN9BK	0.0	1.3	Group 3 (Purple Circle)
BS_HYCHYCY7	-0.4	0.4	Group 4 (Yellow Circle)
BS_QYPHA40N	0.5	0.8	Group 5 (Red Triangle)
BS_56ZMJTF	-0.4	-0.4	Group 5 (Red Triangle)
BS_SS12W1XT	-0.3	-1.0	Group 5 (Red Triangle)
BS_HE2VJRW6	0.3	-1.1	Group 6 (Green Triangle)
BS_SHUA4MR0	0.7	-0.5	Group 7 (Purple Triangle)
BS_FN07P04	1.0	-1.0	Group 8 (Cyan Triangle)

stranded

PCA: RUVg output (k = 4)

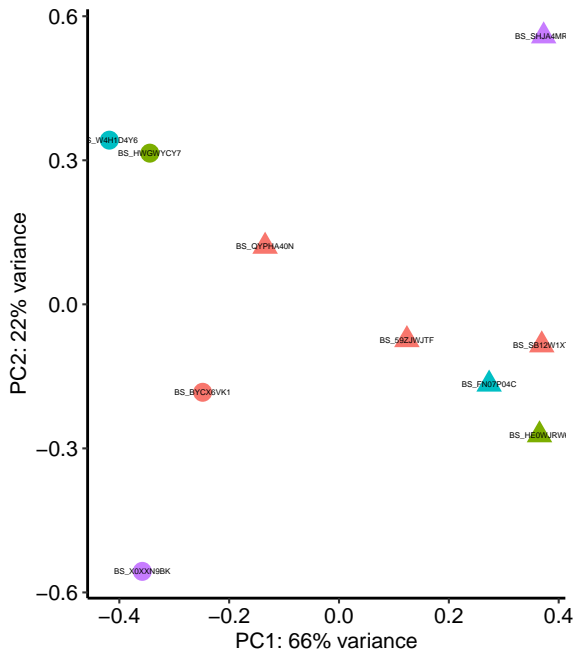


UMAP: RUVg output (k = 4)

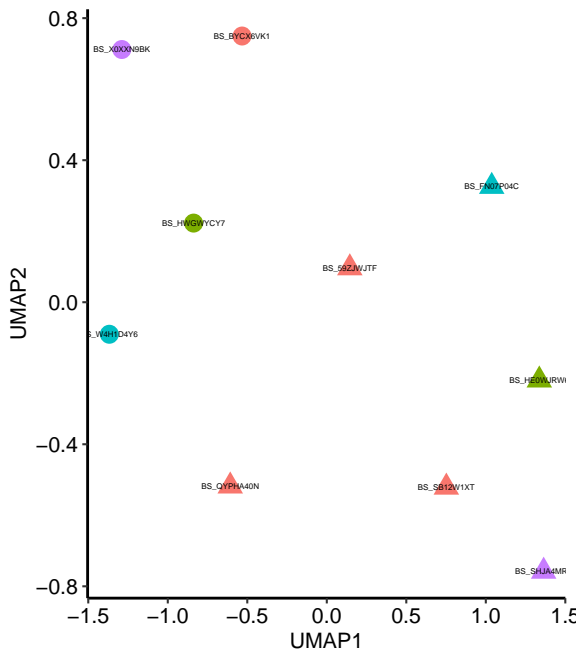


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PCA: RUVg output (k = 5)



UMAP: RUVg output (k = 5)



rna_library ● poly-A ▲ stranded