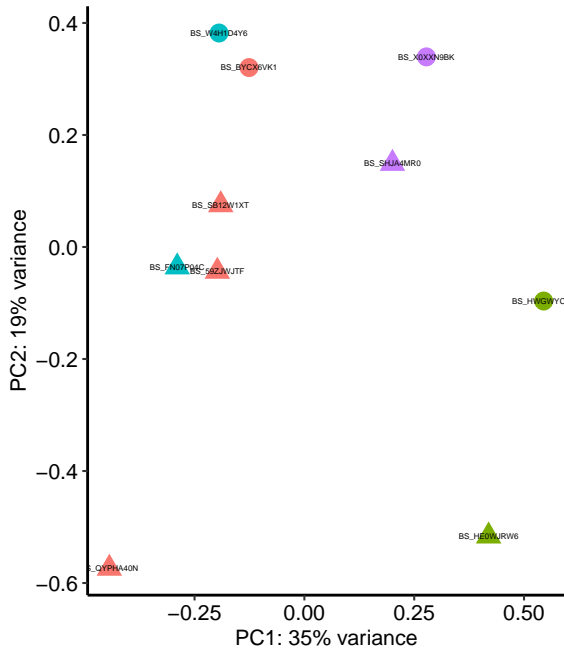
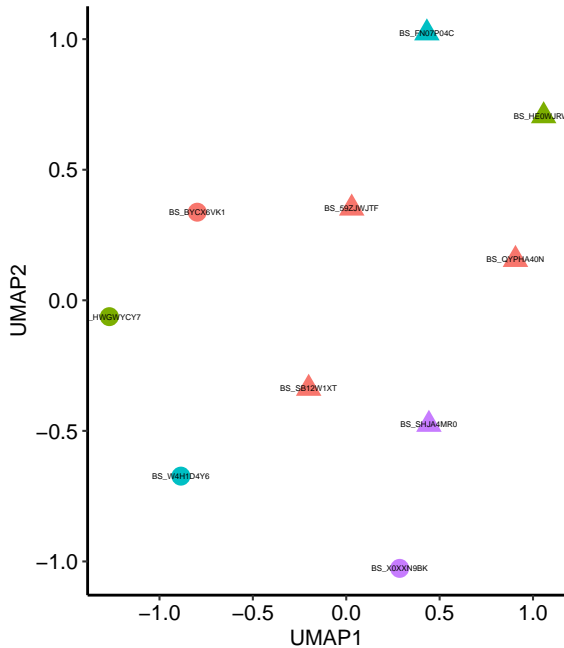


PCA: RUVg output (k = 1)

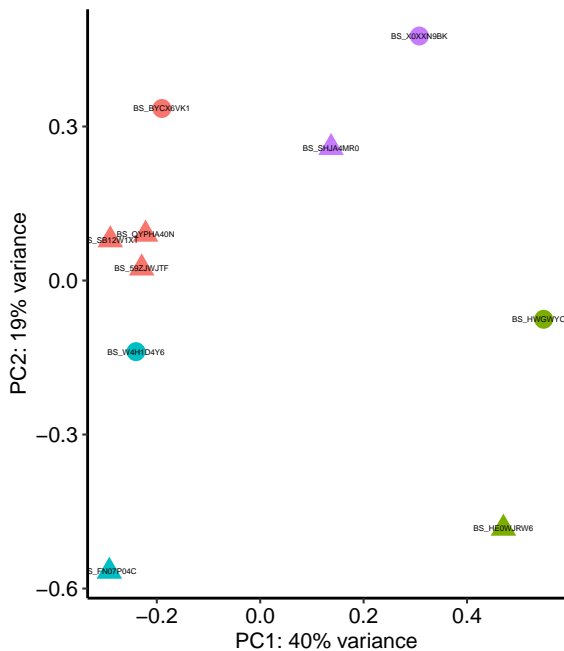


UMAP: RUVg output (k = 1)

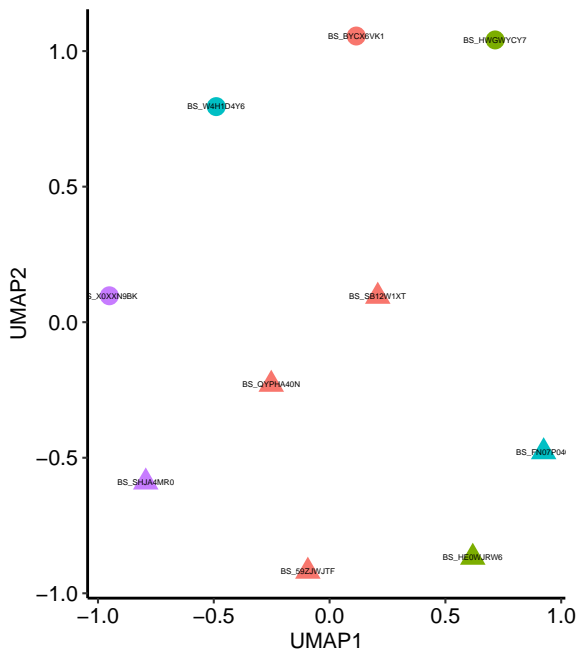


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PCA: RUVg output (k = 2)



UMAP: RUVg output (k = 2)



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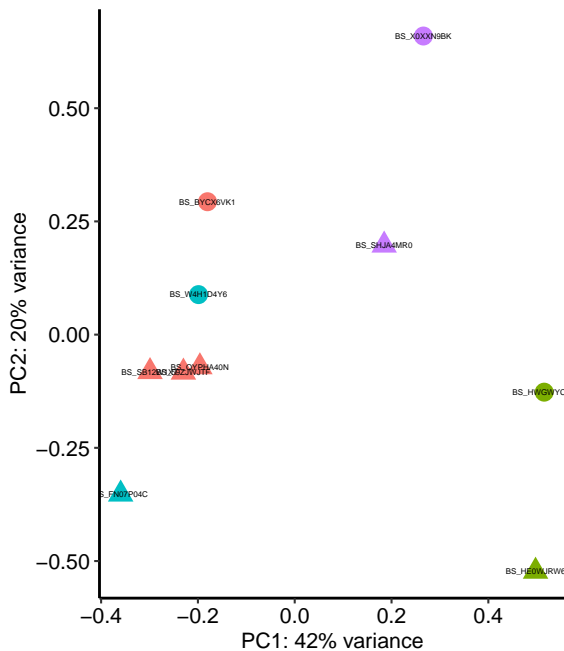
UMAP2

UMAP1

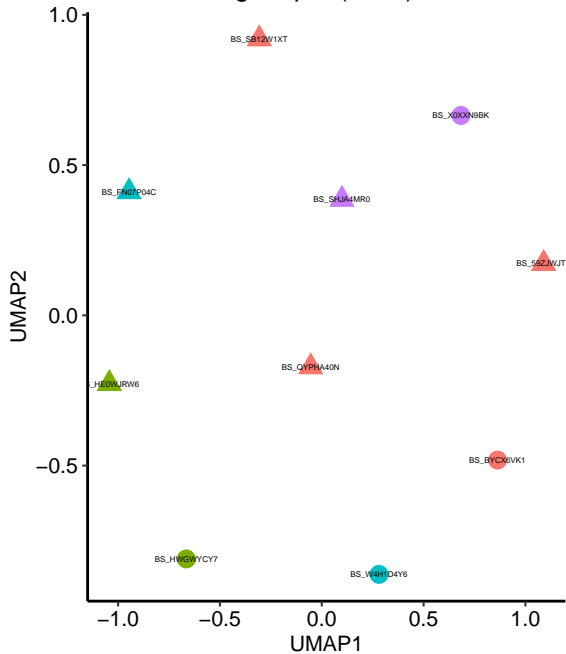
Sample ID	UMAP1	UMAP2	Group
BS_SHU4MR0	-0.1	1.0	Group 1 (Purple Triangle)
BS_X0XXN9BK	0.4	1.0	Group 2 (Purple Circle)
BS_5BZJWJTF	-0.7	0.4	Group 3 (Red Triangle)
BS_S812W1XT	-0.1	0.25	Group 3 (Red Triangle)
BS_W4H1D4Y	1.0	0.2	Group 4 (Cyan Circle)
BS_GYPHA40N	0.3	-0.2	Group 3 (Red Triangle)
BS_H2E0URW6	-0.6	-0.4	Group 5 (Green Triangle)
JHWGWYCY7	-1.0	-0.7	Group 6 (Green Circle)
BS_F007P04C	-0.1	-0.8	Group 4 (Cyan Triangle)
BS_RYCX6VK1	0.9	-0.6	Group 7 (Red Circle)

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PCA: RUVg output (k = 4)

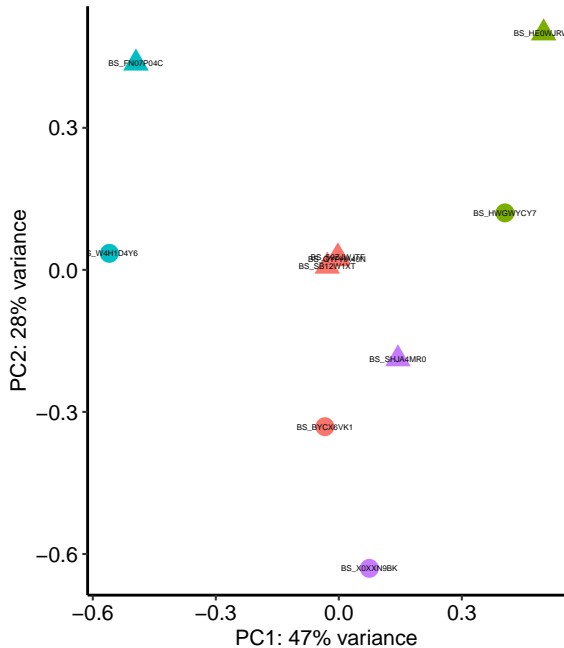


UMAP: RUVg output (k = 4)

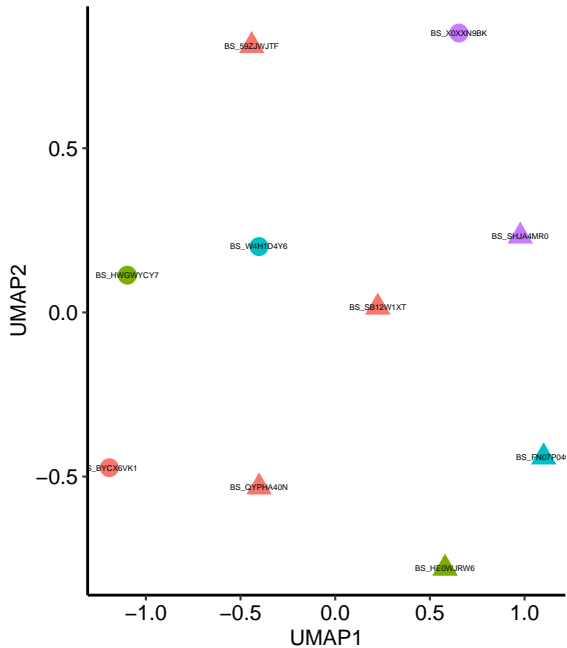


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PCA: RUVg output (k = 5)



UMAP: RUVg output (k = 5)



rna\_library    ●    poly-A    ▲    stranded