

PCA plot showing the first principal component (PC1) accounting for 19% of the variance. The plot displays 18 data points, each representing a specific protein and condition. The points are colored and shaped by protein family: PANK (blue triangles), PAPS (orange circles), and PANK/PAPS (green circles). The x-axis is labeled 'PC1: 19% variance' and ranges from -0.2 to 0.4. The y-axis is unlabeled but ranges from 0 to 1.0.

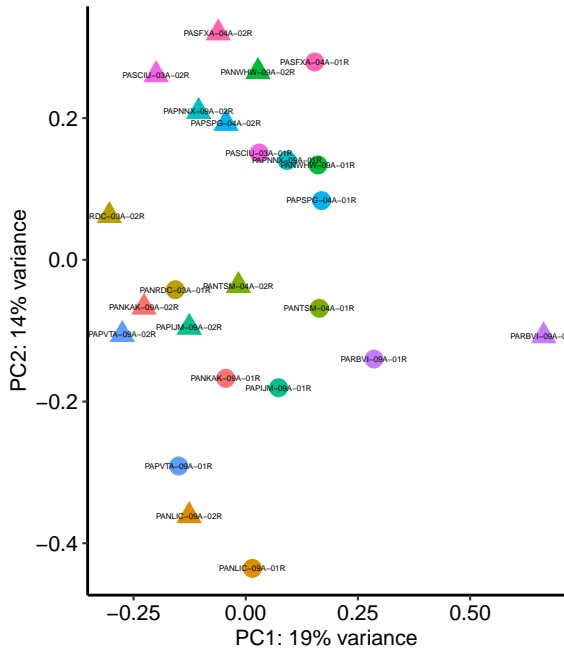
Protein	Condition	PC1 (approx.)	PC2 (approx.)	Family
PANRDC-03A-02R		0.05	0.95	PANK
PAPVTA-09A-02R		-0.15	0.85	PANK
PANKAK-09A-02R		-0.10	0.75	PANK
PASCIU-03A-02R		0.10	0.75	PANK
PANRDC-03A-01R		0.25	0.75	PANK
PAPVTA-09A-01R		0.05	0.65	PANK
PAPNNX-09A-02R		0.15	0.65	PANK
PAPVTA-09A-02R		-0.15	0.65	PANK
PANKAK-09A-01R		0.05	0.55	PANK
PANWHH-03A-02R		0.25	0.55	PANK
PASCIU-03A-01R		0.40	0.55	PANK
PANLIC-09A-01R		-0.05	0.45	PANK
PAPLUN-09A-01R		-0.05	0.35	PANK
PANWHH-09A-01R		0.40	0.35	PANK
PANRDC-03A-02R		-0.20	0.35	PANK
PANKAK-09A-02R		-0.10	0.35	PANK
PANRDC-03A-01R		0.05	0.35	PANK
PANWHH-03A-01R		0.15	0.35	PANK
PANWHH-09A-02R		0.40	0.35	PANK
PANRDC-03A-02R		-0.20	0.25	PANK
PANRDC-03A-01R		0.05	0.25	PANK
PANWHH-03A-01R		0.15	0.25	PANK
PANWHH-09A-01R		0.40	0.25	PANK
PANRDC-03A-02R		-0.20	0.15	PANK
PANRDC-03A-01R		0.05	0.15	PANK
PANWHH-03A-01R		0.15	0.15	PANK
PANWHH-09A-01R		0.40	0.15	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-02R		-0.20	0.05	PANK
PANRDC-03A-01R		0.05	0.05	PANK
PANWHH-03A-01R		0.15	0.05	PANK
PANWHH-09A-01R		0.40	0.05	PANK
PANRDC-03A-0				

●

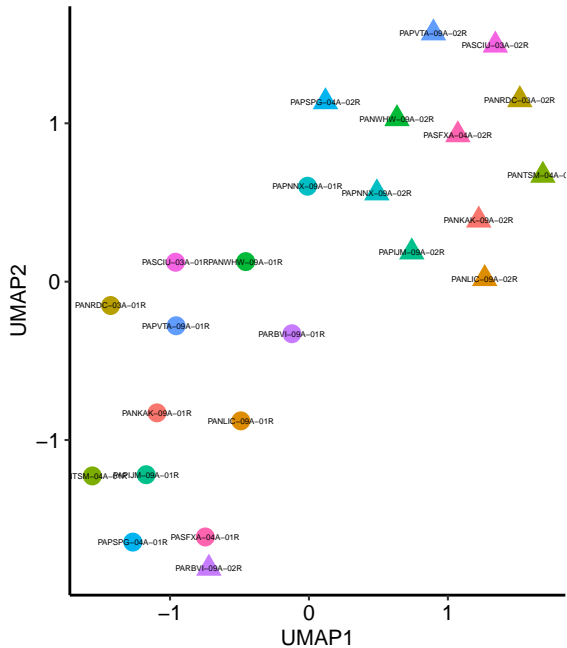
▲

[illegible]

### PCA: RUVg output ( $k = 2$ )

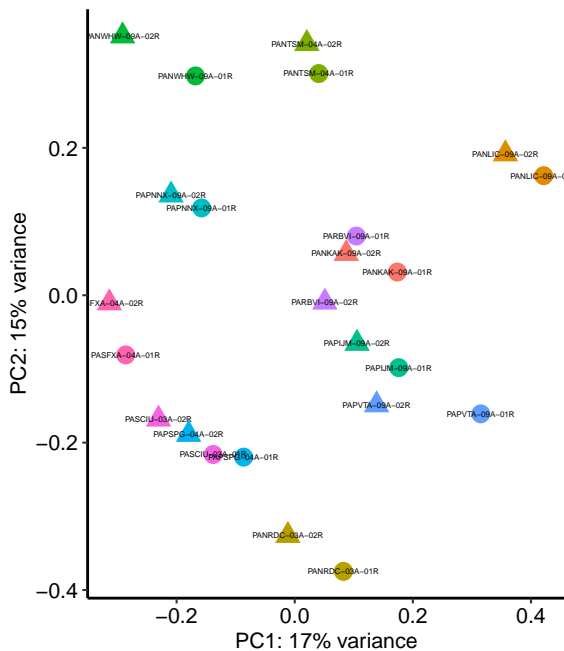


UMAP: RUVg output ( $k = 2$ )

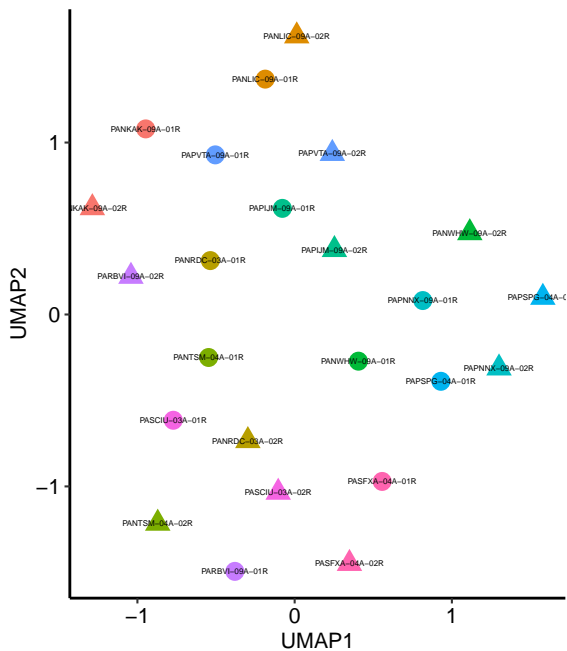


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PCA: RUVg output ( $k = 3$ )

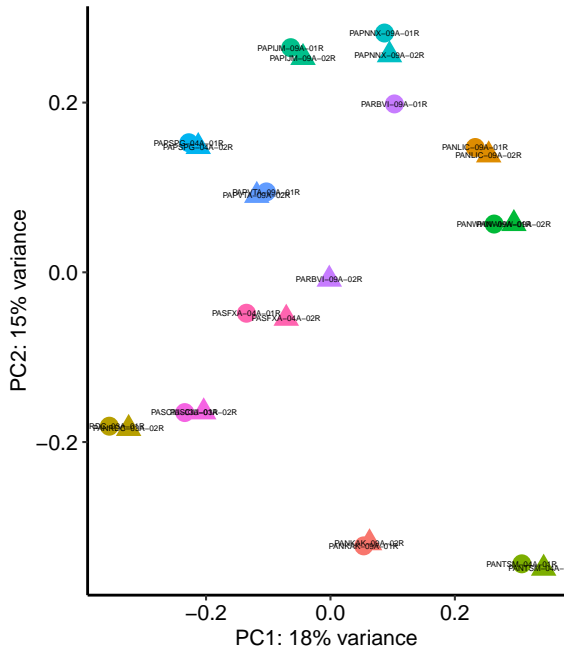


UMAP: RUVg output ( $k = 3$ )

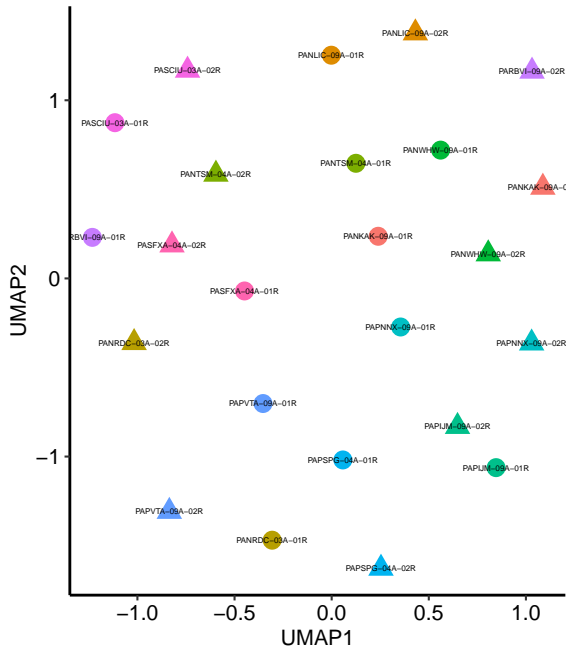


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PCA: RUVg output (k = 4)



UMAP: RUVg output (k = 4)



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