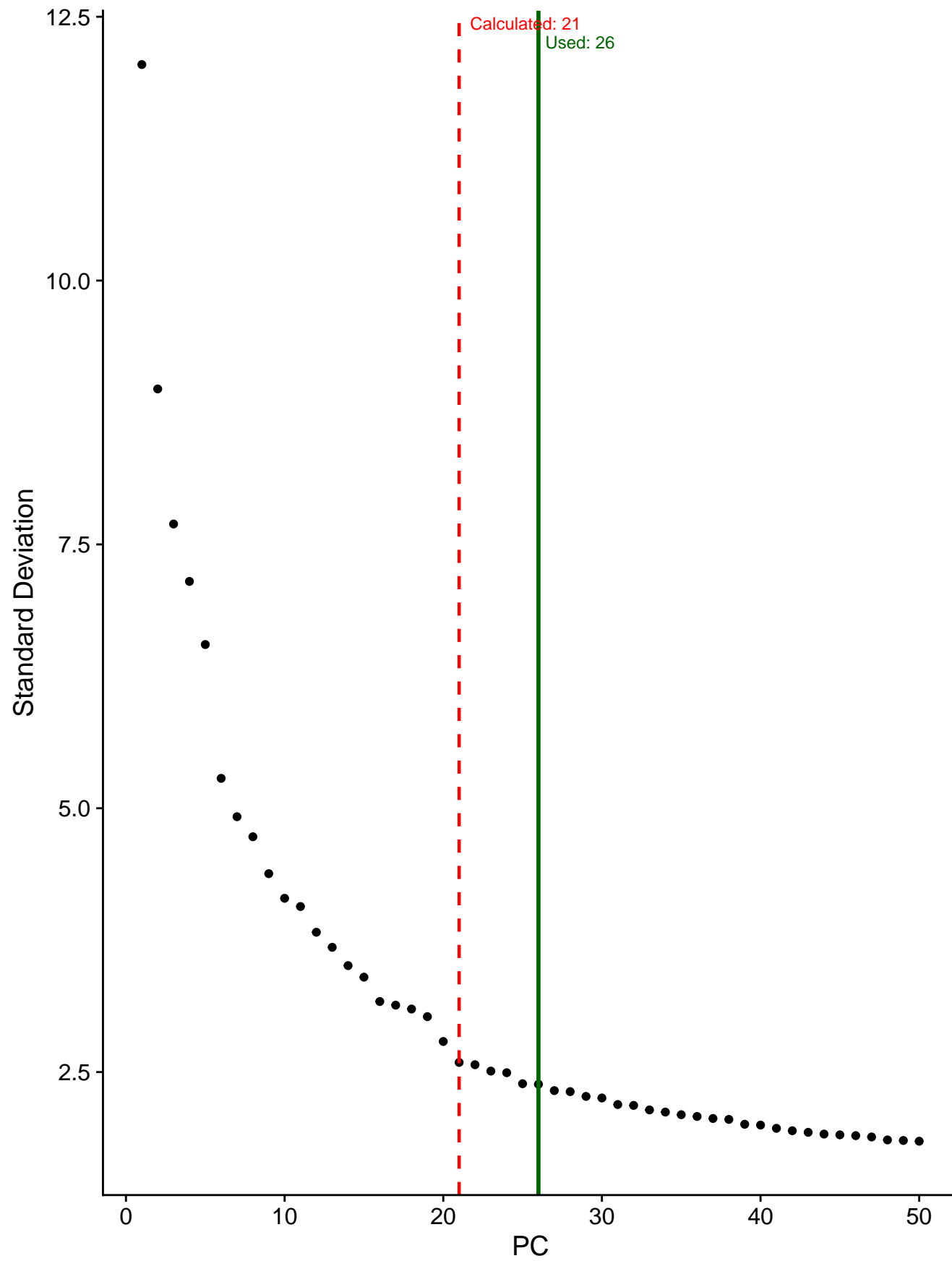


1M_Org – PCA Elbow Analysis (Pre-Integration)

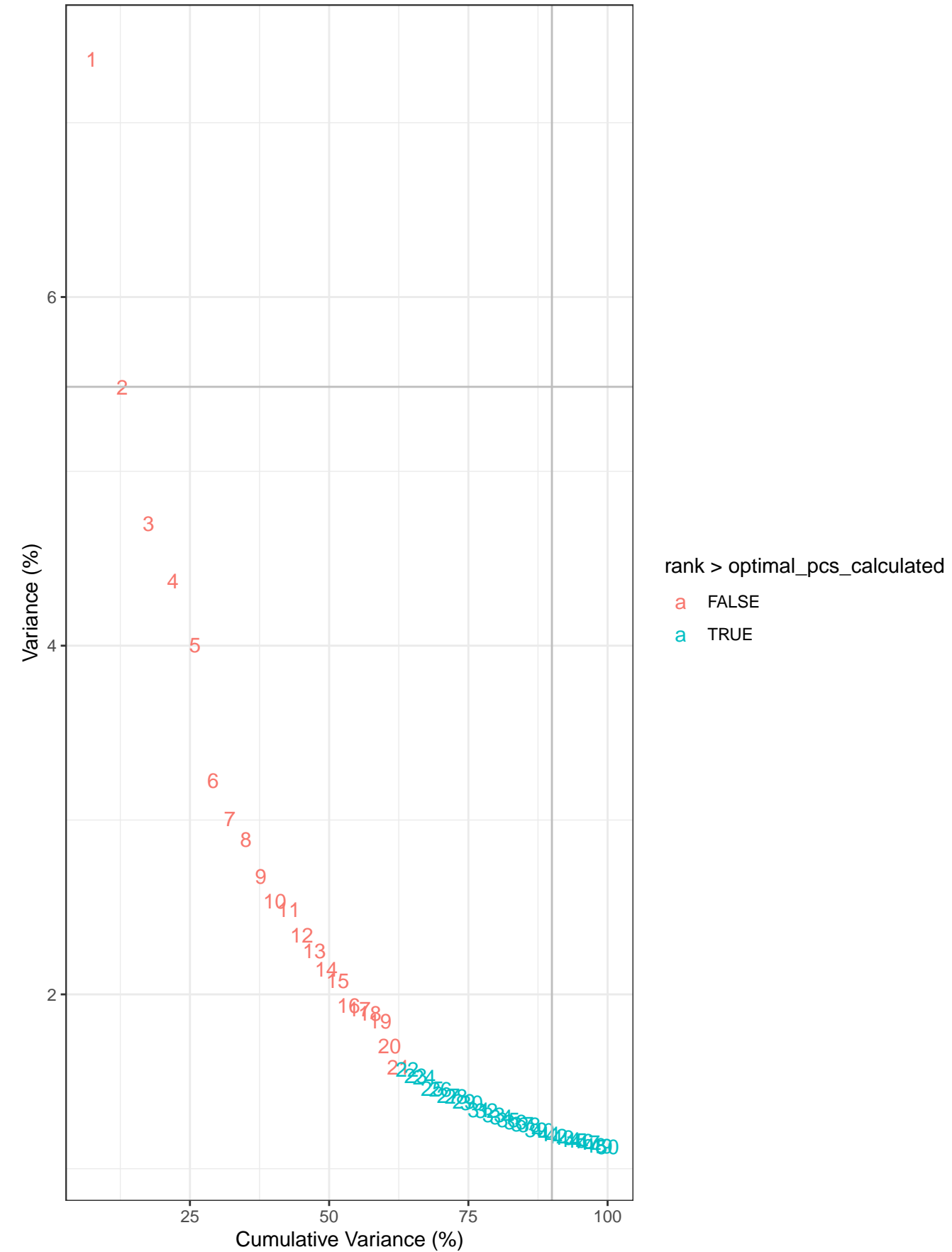
1M_Org: Elbow Plot

Calculated: 21 PCs | Used: 26 PCs (+5)



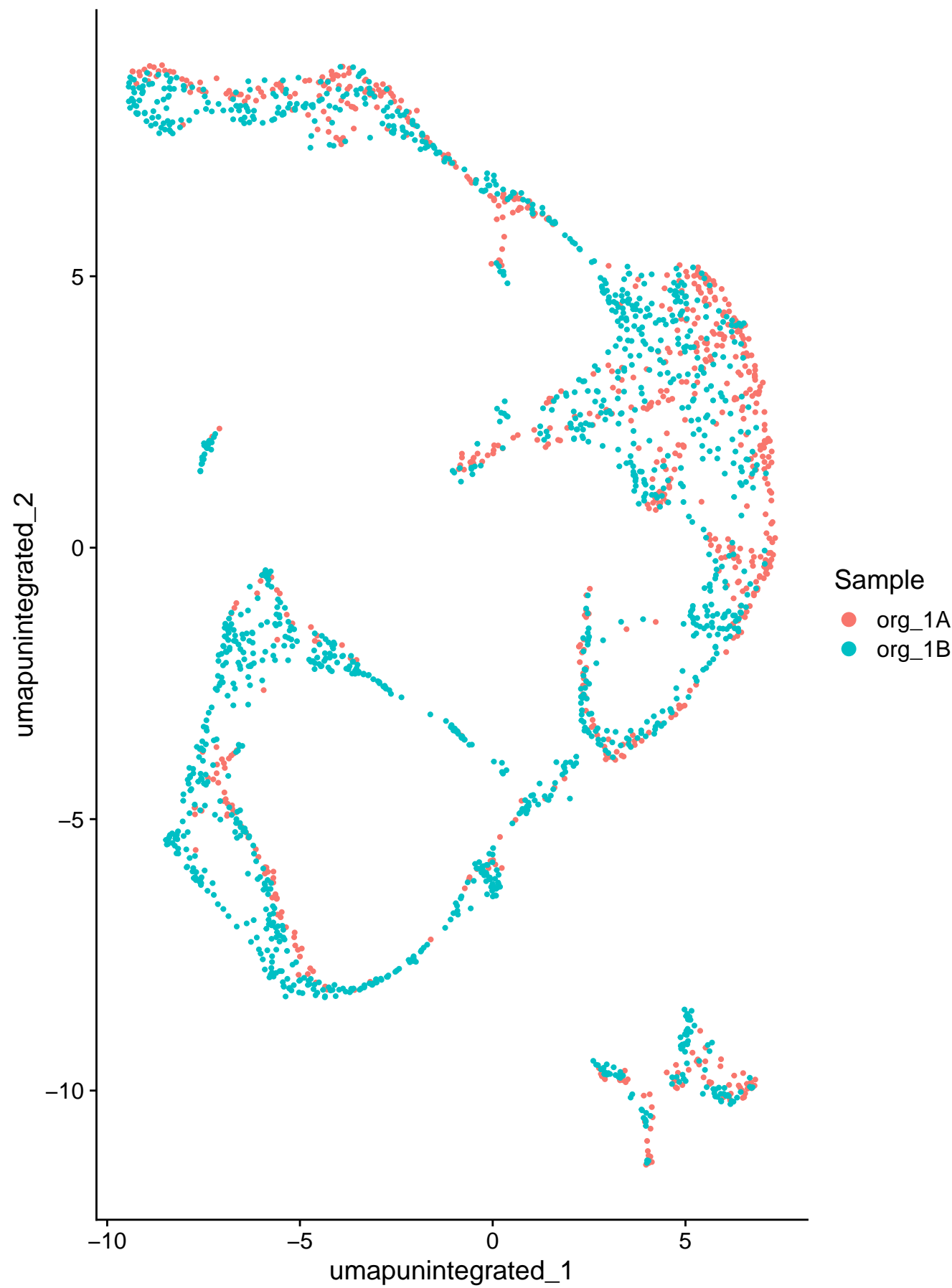
1M_Org: Quantitative PC Selection

Calculated: 21 PCs | Used: 26 PCs (+5)

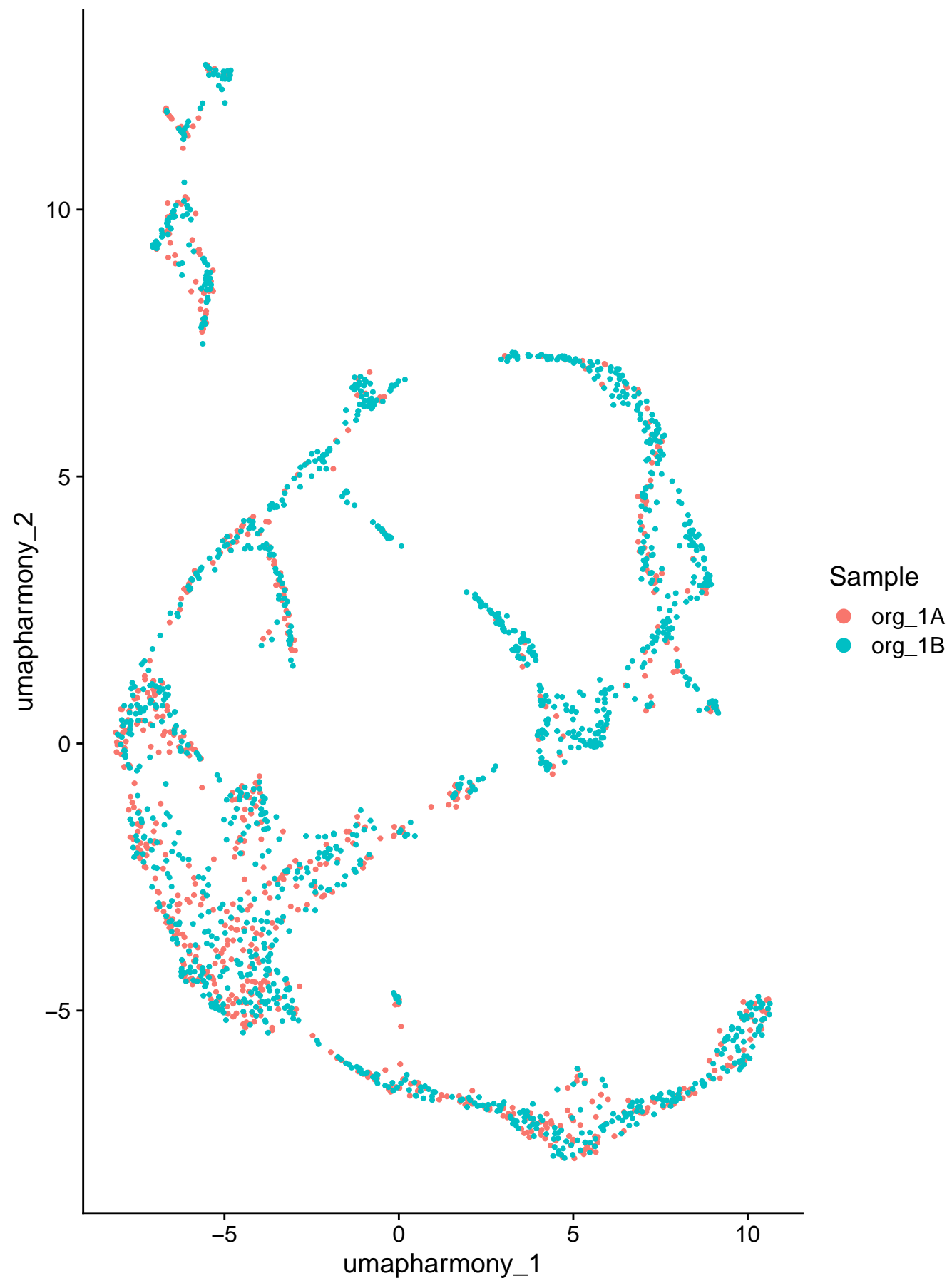


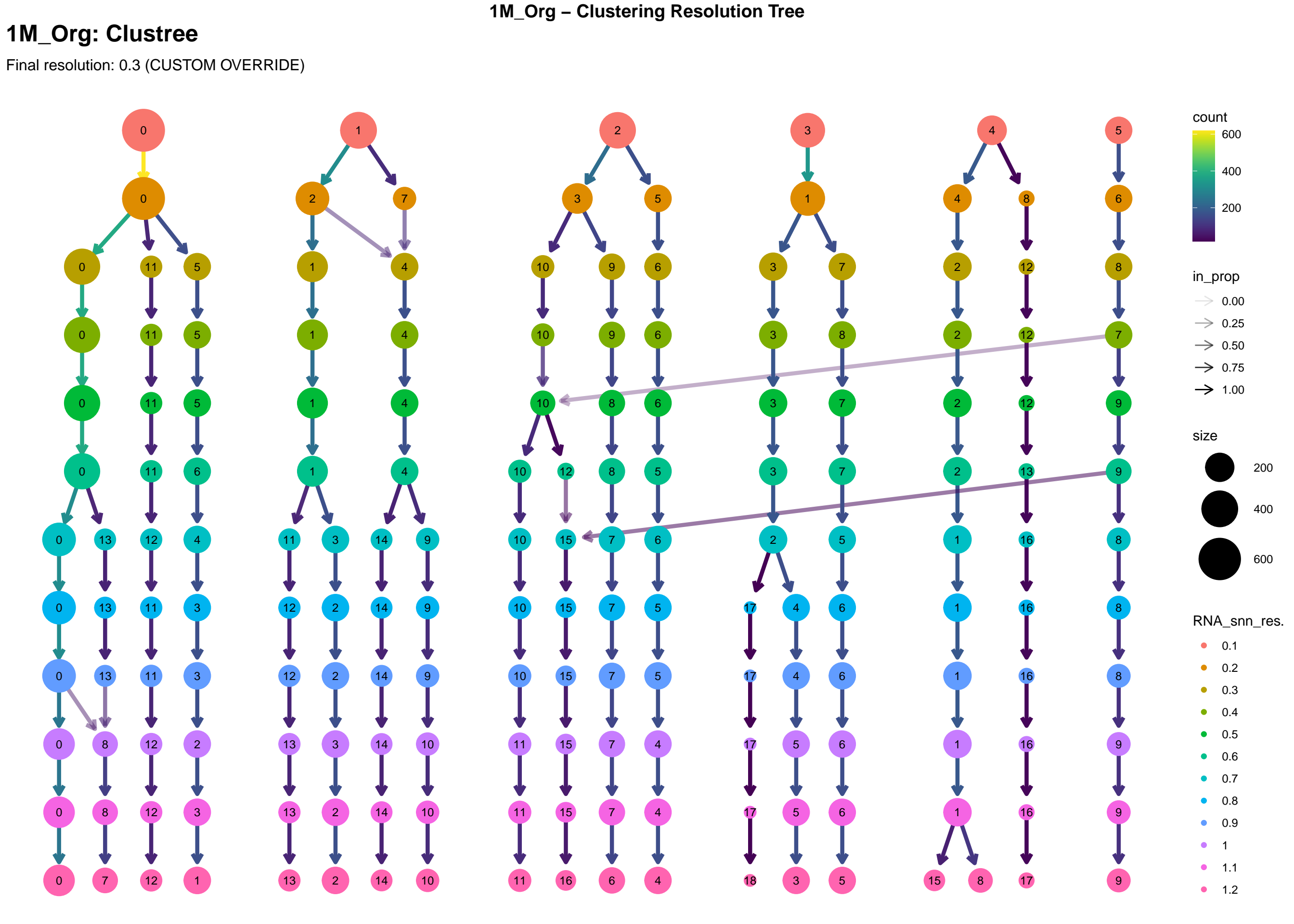
1M_Org – Harmony Integration Comparison

1M_Org: Before Integration



1M_Org: After Harmony Integration

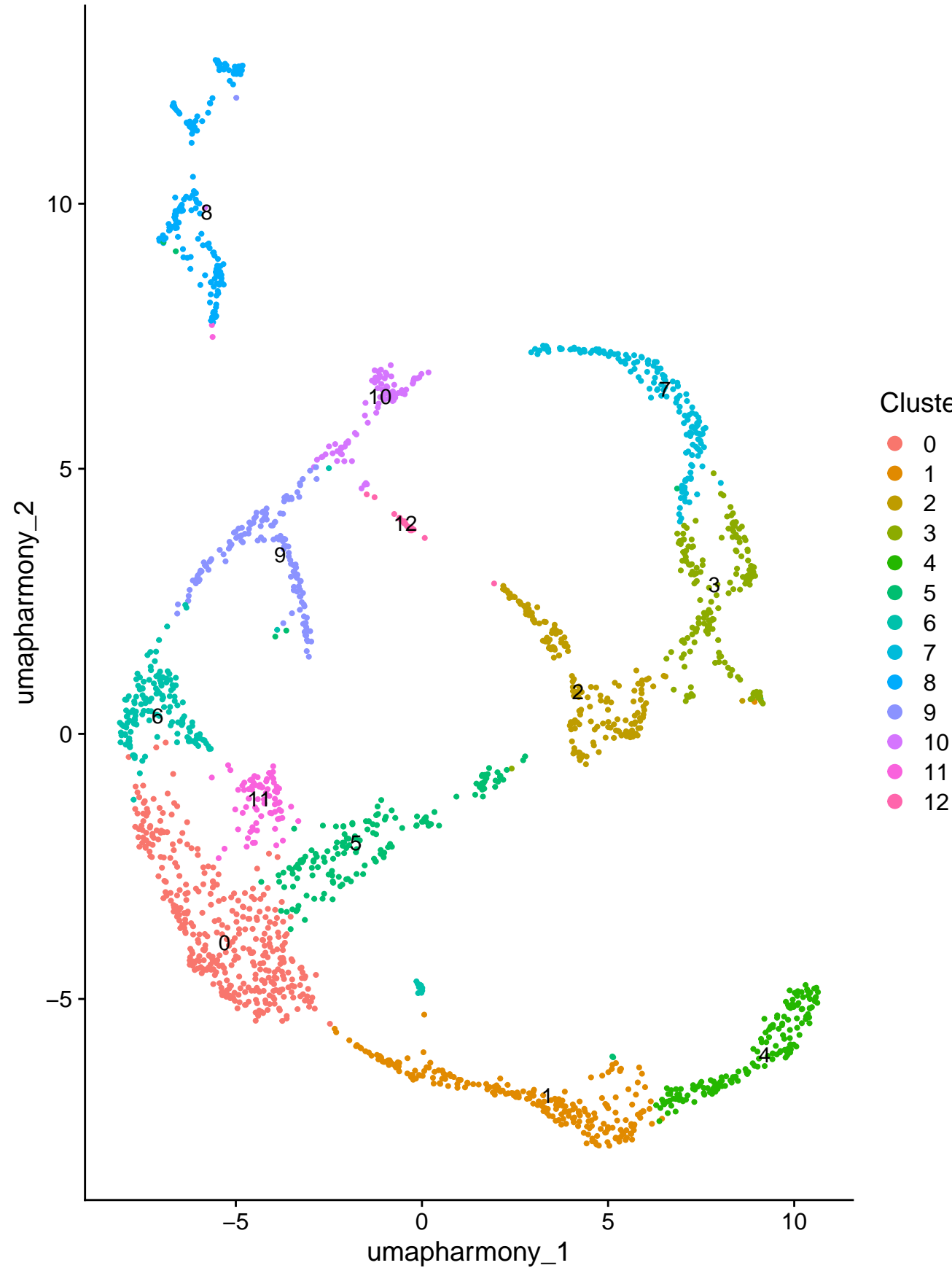




1M_Org – Final Clustering Results

1M_Org: Final Clusters

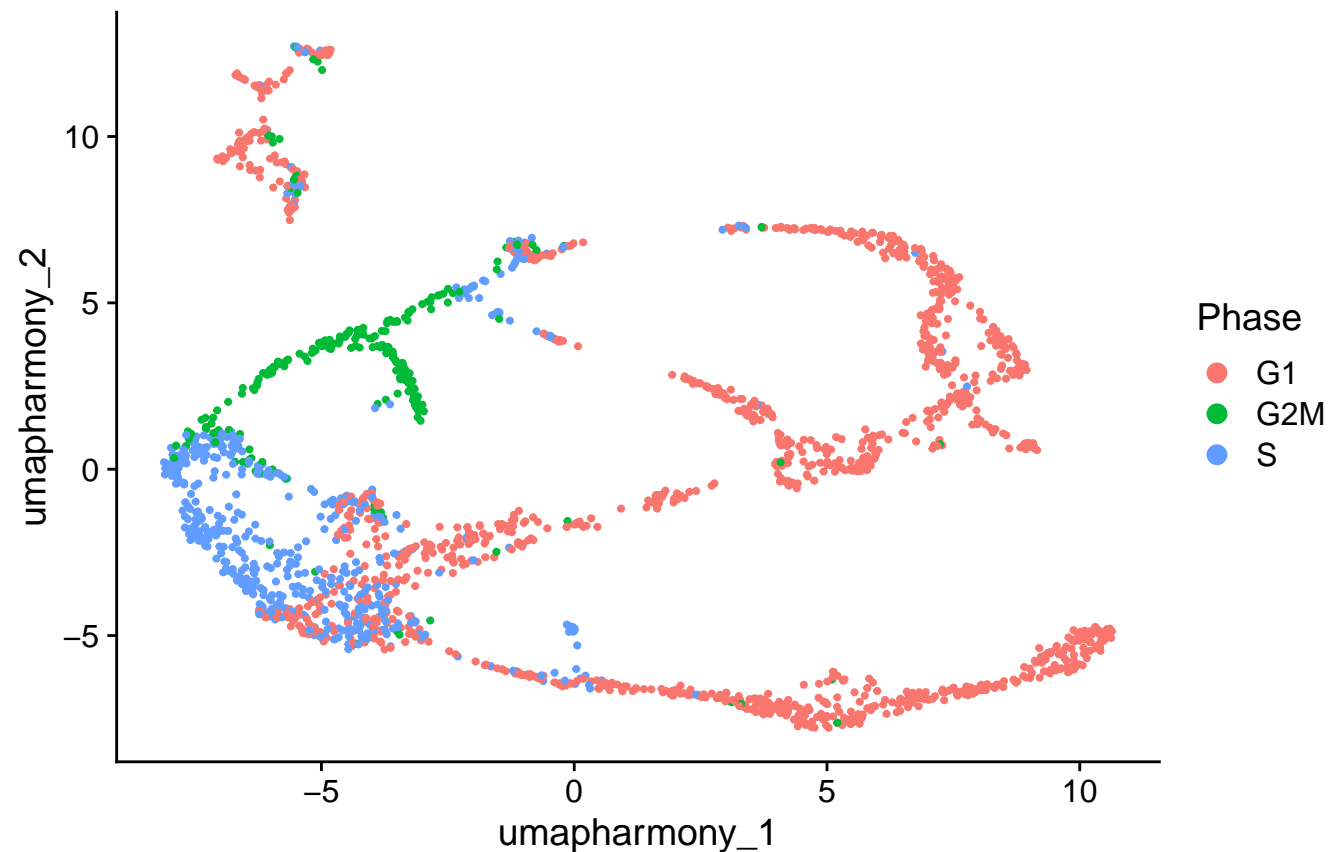
Resolution: 0.3 (CUSTOM OVERRIDE)



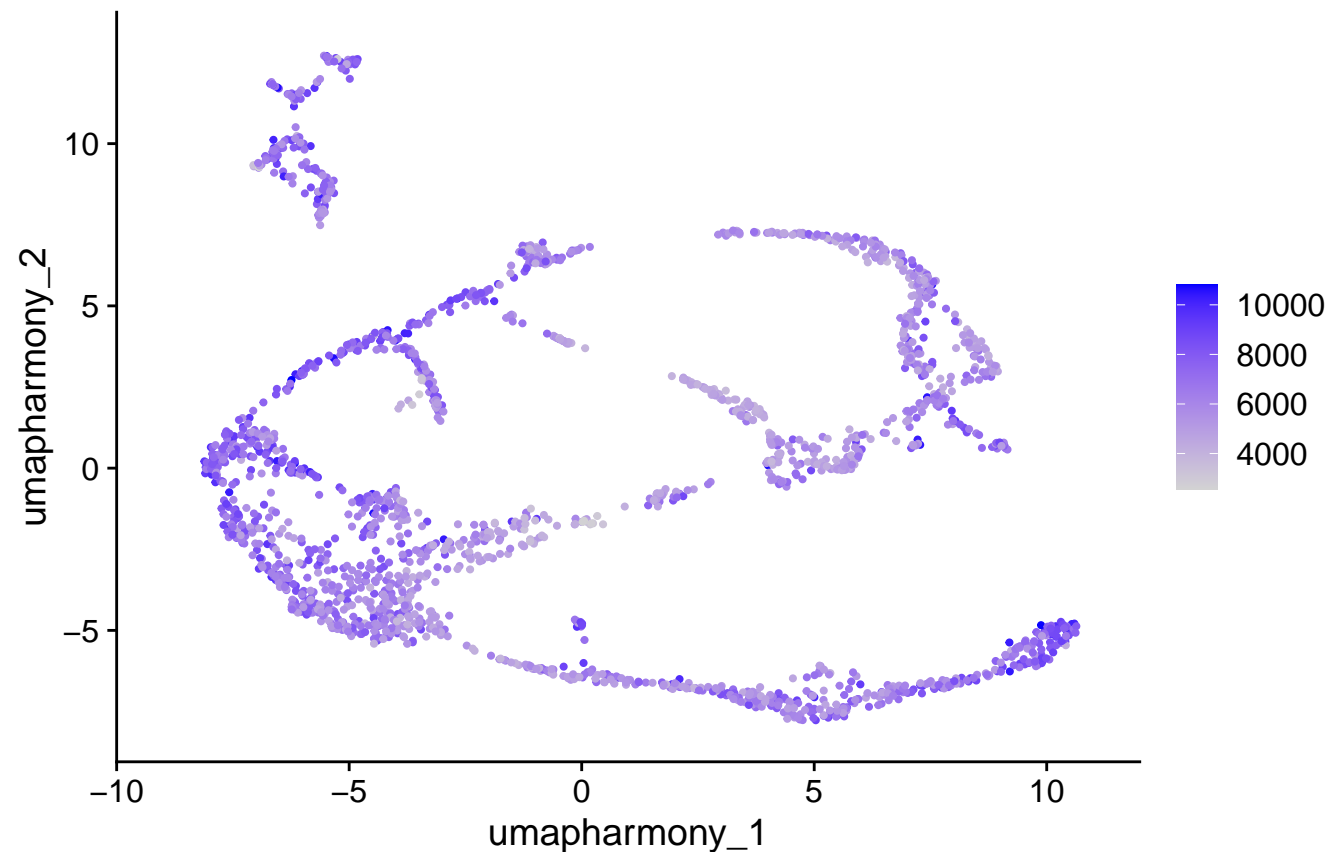
	res_vals	num_clusters	avg_sil_vals
1	0.1	6	0.31207604094171
2	0.2	9	0.278286122045893
3	0.3	13	0.26537506899334
4	0.6	14	0.260170038466486
5	0.7	17	0.258575907903561
6	1.1	18	0.240010880026951
7	1.2	19	0.235508929182304

1M_Org – QC Metrics on Integrated Data

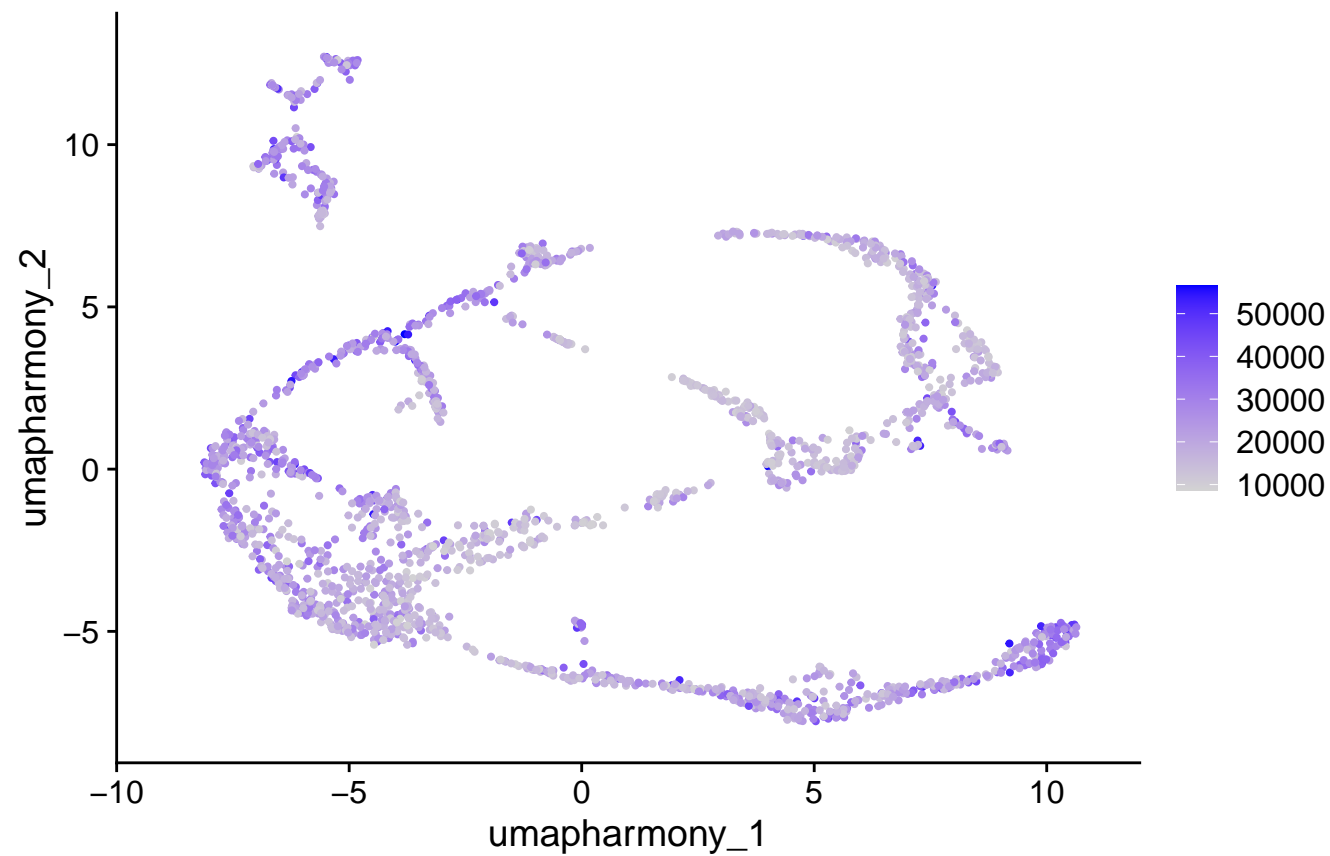
1M_Org: Cell Cycle Phase



1M_Org: nFeature_RNA



1M_Org: nCount_RNA



1M_Org: Final Clusters

Resolution: 0.3 (CUSTOM OVERRIDE)

