a) UMAP 1 vs UMAP 2 plot showing clusters:
- Cluster 21
- Cluster 32
- Cluster 29

b) UMAP 1 vs UMAP 2 plot showing clusters:
- Cluster 2
- Cluster 34
- Cluster 33
- Cluster 37
- Cluster 41

Validation dataset 1 and Validation dataset 2:
- Average expression and percent expressed for each cluster:
  - Cluster 29
  - Cluster 21
  - Cluster 32
  - Cluster 33
  - Cluster 37

Legend:
- Not a classified cell
- Classified cell – 20 features
- Classified cell – 100 features

Top five PCM markers:
- Cluster 29: Top2a, CasC5, Iqgap2, Sli35f1, Diaph3
- Cluster 34: Top2a, Nef13, Kif23, Lockd, Nups1
- Cluster 2: Top2a, Nef13, Kif23, Lockd, Nups1
- Cluster 20: Top2a, Nef13, Kif23, Lockd, Nups1
- Cluster 21: Top2a, Nef13, Kif23, Lockd, Nups1
- Cluster 33: Top2a, Nef13, Kif23, Lockd, Nups1
- Cluster 37: Top2a, Nef13, Kif23, Lockd, Nups1
- Cluster 41: Top2a, Nef13, Kif23, Lockd, Nups1