

single-cell Panoramic View clustering (PanoView)

Manual

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1. **Introduction**

2. **Installation**

pip install git+<https://github.com/mhu10/scPanoView.git#egg=scPanoView>

3. **Tutorial**

- 3.1 Input data
- 3.2 Generate clusters
- 3.3 Output results

4. **Functions**

4.1 RunPanoView

Arguments

```
RunPanoView(Normal=True, Log2=True,  
            GeneLow='default', Zscore='default')
```

4.2 OutputPanoView

Arguments

```
OutputPanoView(clust_merge='default',  
               metric_dis='default',  
               fclust_dis='default',  
               init='default', n_PCs='default')
```

4.3 VisCluster

4.4 VisClusterAnno

4.5 VisGeneExp

4.6 RunVGs

4.7 HeatMapVGs

4.8 HeatMapGenes

5. Others