

# Generate group cell counts

If a single cell data node contains cell attribute information, e.g., clustering results, classifications, or imported attributes, a counts-type data node containing the number of cells from each attribute group for each sample can be generated and used for downstream analysis.

To invoke Generate group cell counts:

- Click a single cell count data node with cell-level attribute information
- Click **Pre-analysis** tools in the toolbox
- Click **Generate group cell counts**
- Select the attribute to group the cells from the *Group by* drop-down menu (Figure 1)
- Click **Finish**

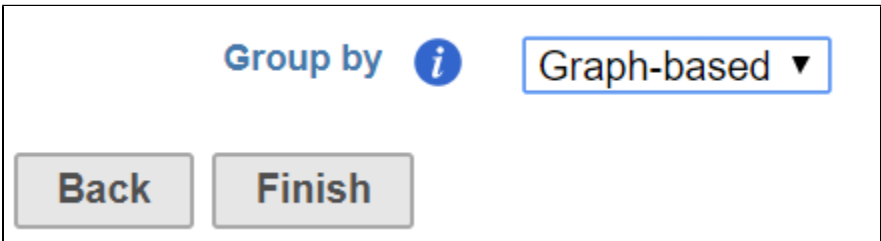


Figure 3. Select an attribute to group cells

A group cell counts node will be generated. The data node contains a matrix of cell counts in each sample for each group. You can view the counts results in the Group cell counts report (Figure 2).

Group cell counts			
Optional columns			
Sample name ^	Glioma ^	Microglia ^	Oligodendrocytes ^
MGH36	690	88	0
MGH42	462	205	0
MGH45	414	162	21
MGH53	723	99	34
MGH54	1165	40	11
MGH56	823	71	10
MGH60	429	1	0
MGH64	652	101	23
All samples	5358	767	99
Rows per page 25 (1 of 1) Download			

Figure 4. Group cell counts for each sample are listed in the task report

The Cell counts data node is a counts type data node and downstream analysis tasks, such as normalization, PCA, and ANOVA, can be used to analyze the group cell counts data.

## Additional Assistance

If you need additional assistance, please visit [our support page](#) to submit a help ticket or find phone numbers for regional support.



Your Rating:  Results:  27 rates