

Analysis

Huang LiChuang of Wie-Biotech

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1 摘要

2 前言

3 研究设计流程图

4 材料和方法

5 分析结果

6 结论

7 附：分析流程

7.1 GSE171904: GSM5237106

7.1.1 QC

Figure 1为图 QC 概览。

(对应文件为 Figure+Table/QC.pdf)

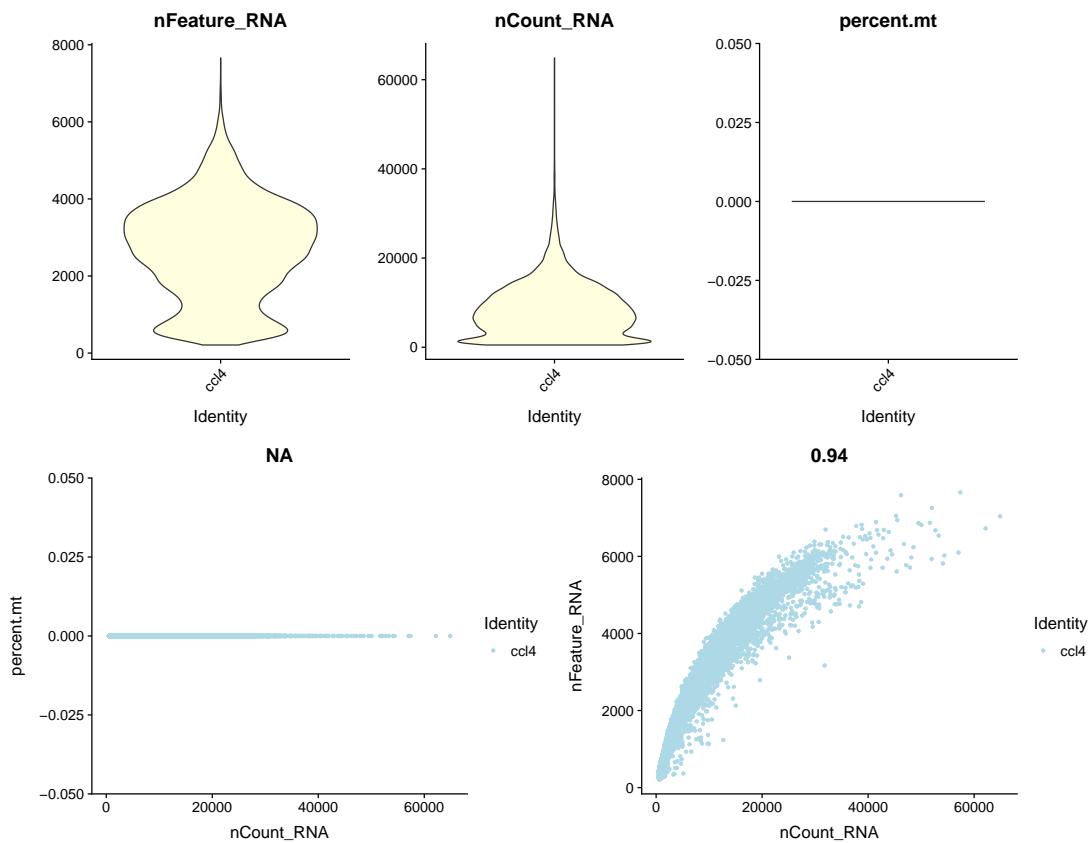


Figure 1: QC

Figure 2为图 PCA rank 概览。

(对应文件为 Figure+Table/PCA-rank.pdf)

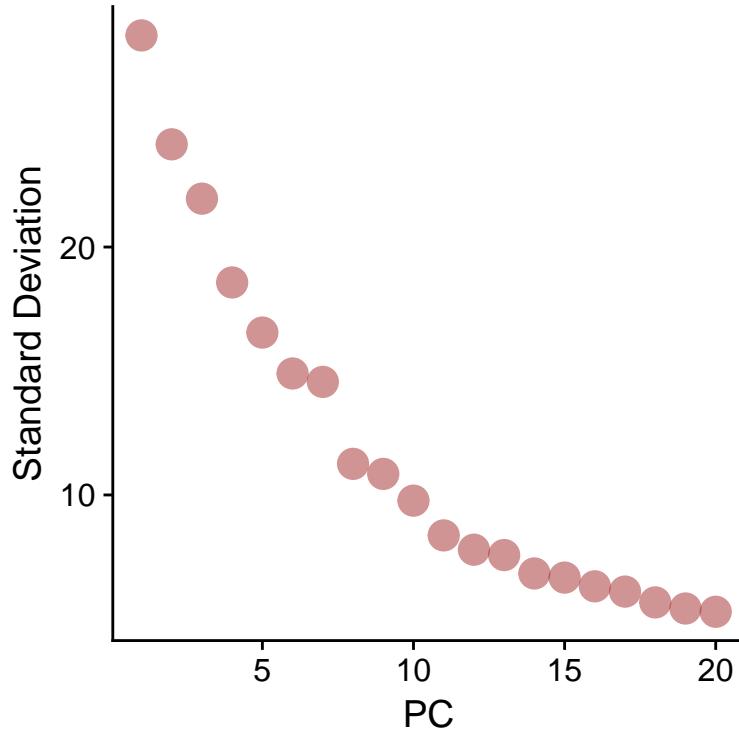


Figure 2: PCA rank

7.1.2 Clustering

Figure 3为图 UMAP clustering 概览。

(对应文件为 [Figure+Table/UMAP-clustering.pdf](#))

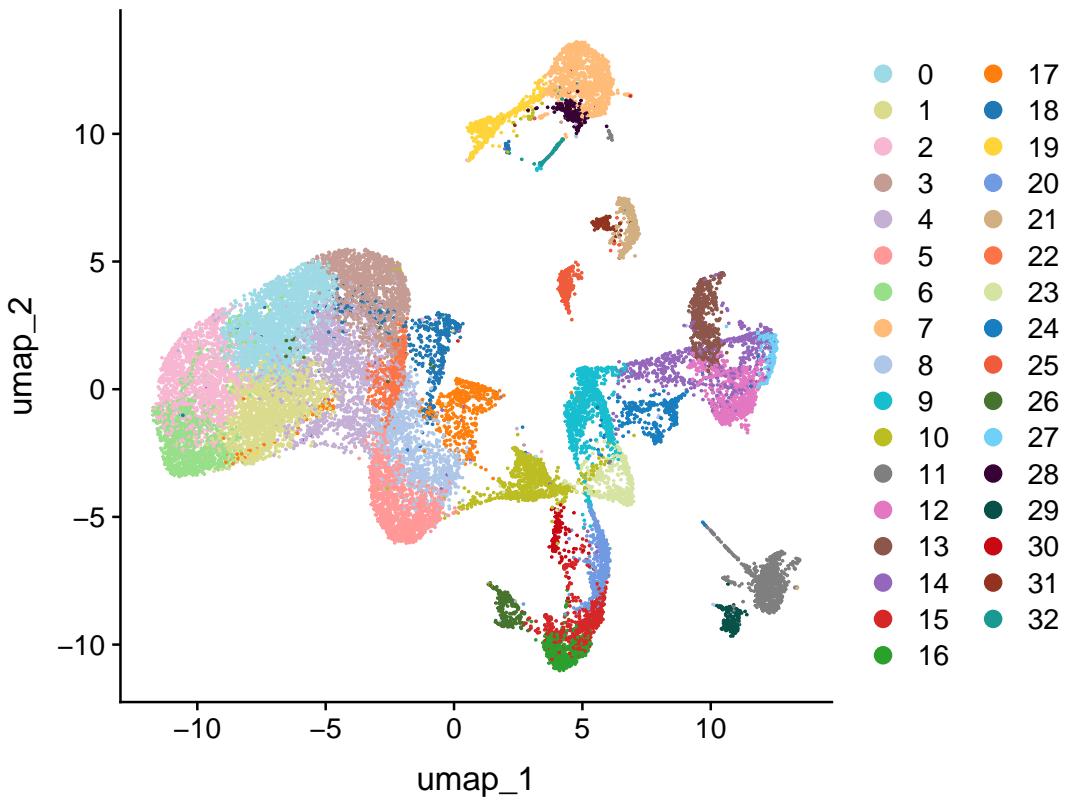


Figure 3: UMAP clustering

7.1.3 Top markers

Table 1为表格 All markers tables Seurat clusters 概览。

(对应文件为 Figure+Table/All-markers-tables-Seurat-clusters.csv)

注：表格共有 36327 行 8 列，以下预览的表格可能省略部分数据；表格含有 36327 个唯一‘rownames’。

Table 1: All markers tables Seurat clusters

rownames	p_val	avg_l...	pct.1	pct.2	p_val...	cluster	gene
Cthrc1	0	2.604...	0.751	0.161	0	0	Cthrc1
Crlf1	0	2.320...	0.513	0.083	0	0	Crlf1
Timp1	0	1.991...	0.995	0.815	0	0	Timp1
Col15a1	0	1.962...	0.947	0.509	0	0	Col15a1
Ch25h	0	1.750...	0.48	0.139	0	0	Ch25h
Dclk1	0	1.676...	0.78	0.257	0	0	Dclk1
Acta2	0	1.639...	0.997	0.876	0	0	Acta2
Vegfd	0	1.614...	0.371	0.095	0	0	Vegfd

rownames	p_val	avg_l...	pct.1	pct.2	p_val...	cluster	gene
Lox	0	1.604...	0.908	0.474	0	0	Lox
Vcan	0	1.591...	0.706	0.22	0	0	Vcan
Tnc	0	1.558...	0.969	0.632	0	0	Tnc
Kdelr3	0	1.490...	0.913	0.47	0	0	Kdelr3
Cgref1	0	1.476...	0.255	0.038	0	0	Cgref1
Col1a1	0	1.467...	1	0.953	0	0	Col1a1
Zfp469	0	1.462...	0.583	0.176	0	0	Zfp469
...

7.1.4 Cell annotation

Figure 4为图 Cell annotation 概览。

(对应文件为 Figure+Table/Cell-annotation.pdf)

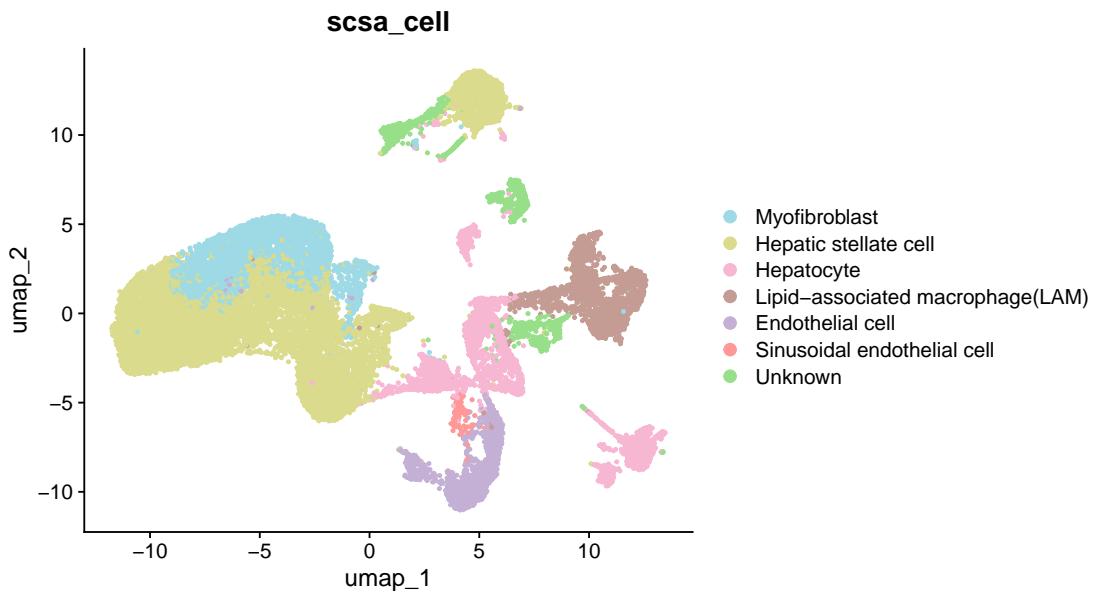


Figure 4: Cell annotation

7.1.5 Ndrg1 in SCSA annotation cells

Figure 5为图 Ndrg1 expression 概览。

(对应文件为 Figure+Table/Ndrg1-expression.pdf)

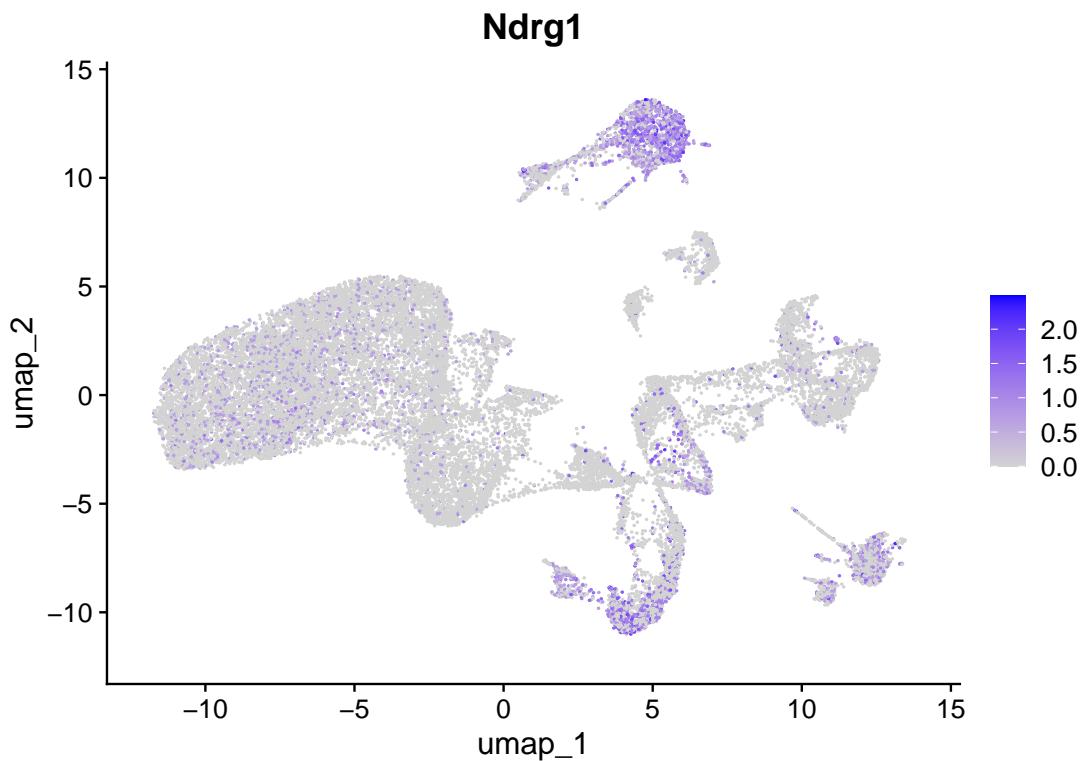


Figure 5: Ndrg1 expression

Figure 6为图 Ndrg1 expression violin 概览。

(对应文件为 Figure+Table/Ndrg1-expression-violin.pdf)

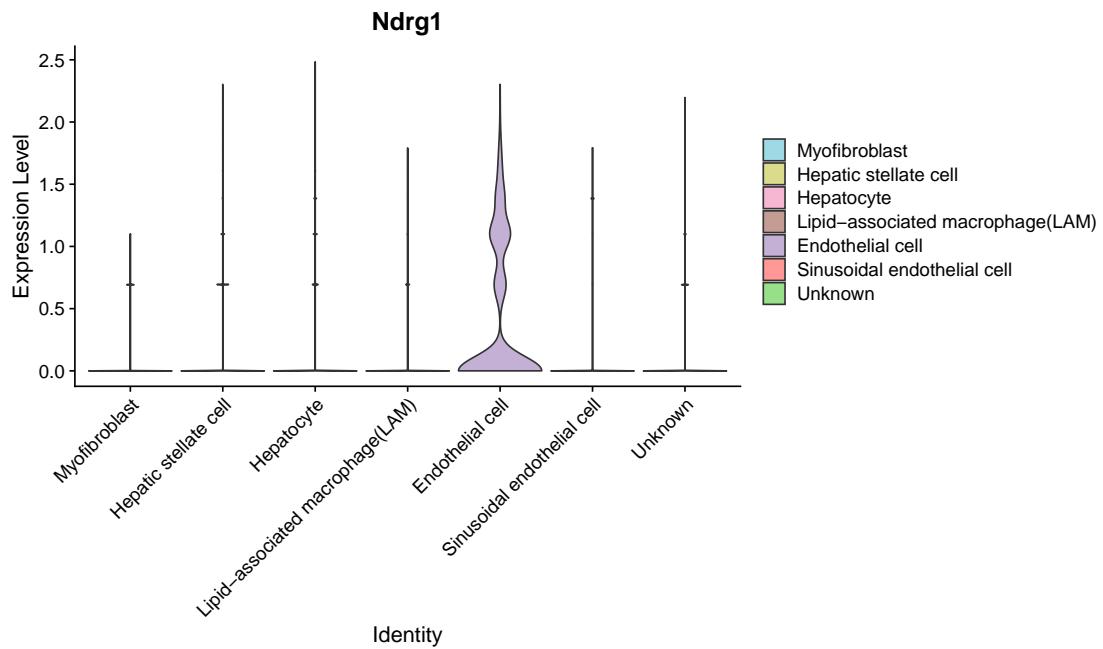


Figure 6: Ndrg1 expression violin

7.1.6 Ndrg1 in Seurat clusters

Figure 7为图 Ndrg1 expression violin Seurat clusters 概览。

(对应文件为 Figure+Table/Ndrg1-expression-violin-Seurat-clusters.pdf)

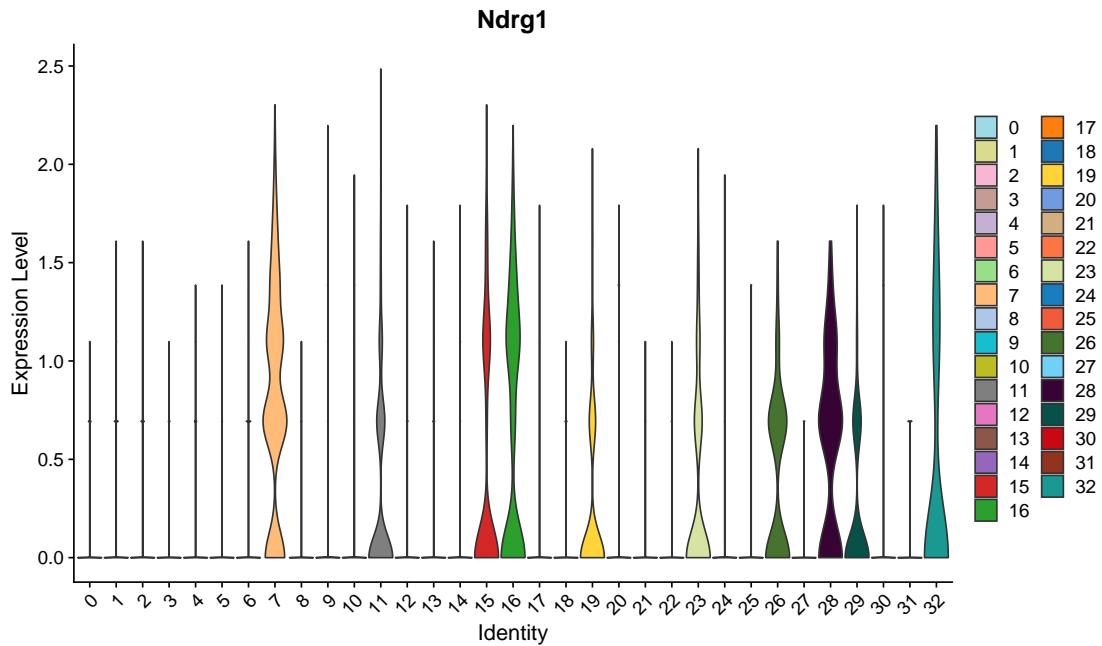


Figure 7: Ndrg1 expression violin Seurat clusters