

ScTrajectory Inspection

CD4 TCM

UMAP view

pruned

UMAP2

UMAP1

tmp_plot

UMAP2

UMAP1

Legend:

- nctri_adr_leden_1q0
- nctri_adr_leden_2q13
- nctri_atac_leden_1q2
- nctri_atac_leden_3q3
- nctri_atac_leden_1q2
- nctri_ma_leden_1q2
- nctri_ma_leden_1q6
- nctri_ma_leden_2q10
- nctri_ma_leden_3q3
- nctri_ma_leden_3q25
- nctri_ma_leden_3q27
- nctri_ma_leden_3q29

heatmap view

pruned

Heatmap showing gene expression levels (log2) across various samples. The color scale ranges from 0 (blue) to 1.0 (red).

Gene labels on the left include: *CD4*, *CD45*, *CD45RO*, *CD45RO1*, *CD45RO2*, *CD45RO3*, *CD45RO4*, *CD45RO5*, *CD45RO6*, *CD45RO7*, *CD45RO8*, *CD45RO9*, *CD45RO10*, *CD45RO11*, *CD45RO12*, *CD45RO13*, *CD45RO14*, *CD45RO15*, *CD45RO16*, *CD45RO17*, *CD45RO18*, *CD45RO19*, *CD45RO20*, *CD45RO21*, *CD45RO22*, *CD45RO23*, *CD45RO24*, *CD45RO25*, *CD45RO26*, *CD45RO27*, *CD45RO28*, *CD45RO29*, *CD45RO30*, *CD45RO31*, *CD45RO32*, *CD45RO33*, *CD45RO34*, *CD45RO35*, *CD45RO36*, *CD45RO37*, *CD45RO38*, *CD45RO39*, *CD45RO40*, *CD45RO41*, *CD45RO42*, *CD45RO43*, *CD45RO44*, *CD45RO45*, *CD45RO46*, *CD45RO47*, *CD45RO48*, *CD45RO49*, *CD45RO50*, *CD45RO51*, *CD45RO52*, *CD45RO53*, *CD45RO54*, *CD45RO55*, *CD45RO56*, *CD45RO57*, *CD45RO58*, *CD45RO59*, *CD45RO60*, *CD45RO61*, *CD45RO62*, *CD45RO63*, *CD45RO64*, *CD45RO65*, *CD45RO66*, *CD45RO67*, *CD45RO68*, *CD45RO69*, *CD45RO70*, *CD45RO71*, *CD45RO72*, *CD45RO73*, *CD45RO74*, *CD45RO75*, *CD45RO76*, *CD45RO77*, *CD45RO78*, *CD45RO79*, *CD45RO80*, *CD45RO81*, *CD45RO82*, *CD45RO83*, *CD45RO84*, *CD45RO85*, *CD45RO86*, *CD45RO87*, *CD45RO88*, *CD45RO89*, *CD45RO90*, *CD45RO91*, *CD45RO92*, *CD45RO93*, *CD45RO94*, *CD45RO95*, *CD45RO96*, *CD45RO97*, *CD45RO98*, *CD45RO99*, *CD45RO100*, *CD45RO101*, *CD45RO102*, *CD45RO103*, *CD45RO104*, *CD45RO105*, *CD45RO106*, *CD45RO107*, *CD45RO108*, *CD45RO109*, *CD45RO110*, *CD45RO111*, *CD45RO112*, *CD45RO113*, *CD45RO114*, *CD45RO115*, *CD45RO116*, *CD45RO117*, *CD45RO118*, *CD45RO119*, *CD45RO120*, *CD45RO121*, *CD45RO122*, *CD45RO123*, *CD45RO124*, *CD45RO125*, *CD45RO126*, *CD45RO127*, *CD45RO128*, *CD45RO129*, *CD45RO130*, *CD45RO131*, *CD45RO132*, *CD45RO133*, *CD45RO134*, *CD45RO135*, *CD45RO136*, *CD45RO137*, *CD45RO138*, *CD45RO139*, *CD45RO140*, *CD45RO141*, *CD45RO142*, *CD45RO143*, *CD45RO144*, *CD45RO145*, *CD45RO146*, *CD45RO147*, *CD45RO148*, *CD45RO149*, *CD45RO150*, *CD45RO151*, *CD45RO152*, *CD45RO153*, *CD45RO154*, *CD45RO155*, *CD45RO156*, *CD45RO157*, *CD45RO158*, *CD45RO159*, *CD45RO160*, *CD45RO161*, *CD45RO162*, *CD45RO163*, *CD45RO164*, *CD45RO165*, *CD45RO166*, *CD45RO167*, *CD45RO168*, *CD45RO169*, *CD45RO170*, *CD45RO171*, *CD45RO172*, *CD45RO173*, *CD45RO174*, *CD45RO175*, *CD45RO176*, *CD45RO177*, *CD45RO178*, *CD45RO179*, *CD45RO180*, *CD45RO181*, *CD45RO182*, *CD45RO183*, *CD45RO184*, *CD45RO185*, *CD45RO186*, *CD45RO187*, *CD45RO188*, *CD45RO189*, *CD45RO190*, *CD45RO191*, *CD45RO192*, *CD45RO193*, *CD45RO194*, *CD45RO195*, *CD45RO196*, *CD45RO197*, *CD45RO198*, *CD45RO199*, *CD45RO200*, *CD45RO201*, *CD45RO202*, *CD45RO203*, *CD45RO204*, *CD45RO205*, *CD45RO206*, *CD45RO207*, *CD45RO208*, *CD45RO209*, *CD45RO210*, *CD45RO211*, *CD45RO212*, *CD45RO213*, *CD45RO214*, *CD45RO215*, *CD45RO216*, *CD45RO217*, *CD45RO218*, *CD45RO219*, *CD45RO220*, *CD45RO221*, *CD45RO222*, *CD45RO223*, *CD45RO224*, *CD45RO225*, *CD45RO226*, *CD45RO227*, *CD45RO228*, *CD45RO229*, *CD45RO230*, *CD45RO231*, *CD45RO232*, *CD45RO233*, *CD45RO234*, *CD45RO235*, *CD45RO236*, *CD45RO237*, *CD45RO238*, *CD45RO239*, *CD45RO240*, *CD45RO241*, *CD45RO242*, *CD45RO243*, *CD45RO244*, *CD45RO245*, *CD45RO246*, *CD45RO247*, *CD45RO248*, *CD45RO249*, *CD45RO250*, *CD45RO251*, *CD45RO252*, *CD45RO253*, *CD45RO254*, *CD45RO255*, *CD45RO256*, *CD45RO257*, *CD45RO258*, *CD45RO259*, *CD45RO260*, *CD45RO261*, *CD45RO262*, *CD45RO263*, *CD45RO264*, *CD45RO265*, *CD45RO266*, *CD45RO267*, *CD45RO268*, *CD45RO269*, *CD45RO270*, *CD45RO271*, *CD45RO272*, *CD45RO273*, *CD45RO274*, *CD45RO275*, *CD45RO276*, *CD45RO277*, *CD45RO278*, *CD45RO279*, *CD45RO280*, *CD45RO281*, *CD45RO282*, *CD45RO283*, *CD45RO284*, *CD45RO285*, *CD45RO286*, *CD45RO287*, *CD45RO288*, *CD45RO289*, *CD45*

scTriangulate Viewer

- 20
- 3
- 4
- 5
- 6
- 7
- 8
- 9

sctri_rna_leiden_3

- 0
- 1
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 2
- 20
- 21
- 22
- 23
- 24
- 25
- 26
- 27
- 28
- 29
- 3
- 30
- 31
- 32
- 4
- 5
- 6
- 7
- 8
- 9

Scoring information:sctri_rna_leiden_3, 14:

reassign	0.5113122171945701
tfidf10	0.3413927723702706
SCCAF	0.2882882882882883
doublet	0.10654308741622816

doublet distribution

Cluster location

Enrichment plot

scTriangulate Viewer

• 20
 • 3
 • 4
 • 5
 • 6
 • 7
 • 8
 • 9

scTri_rna_leiden_3

• 0
 • 1
 • 10
 • 11
 • 12
 • 13
 • 14
 • 15
 • 16
 • 17
 • 18
 • 19
 • 2
 • 20
 • 21
 • 22
 • 23
 • 24
 • 25
 • 26
 • 27
 • 28
 • 29
 • 3
 • 30
 • 31
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 • 8
 • 9

The top row displays a t-SNE plot of the scTri_rna_leiden_3 dataset, a heatmap of the top 12 triangulated genes, and a grid of 12 marker gene UMAPs. The heatmap shows the expression of genes: *gata6*, *gata3*, *esrrb*, *sox2*, *sox2n1*, *sox2n2*, *sox2n3*, *sox2n4*, *sox2n5*, *sox2n6*, *sox2n7*, and *sox2n8*. The grid of 12 marker gene UMAPs shows the expression of genes: *PRMT*, *PLGL1*, *MLL2*, *PCSK1*, *GFTR*, *SRRT*, *C16ORF10*, *C16ORF11*, *C16ORF12*, *C16ORF13*, *C16ORF14*, and *C16ORF15*.

Marker gene umap

scTriangulate Viewer

sctrl_rna_leiden_3

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

Exclusive gene umap

sctrl_atac_leiden_1

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

