

	FlowSOMsummary
<i>Total number of cells</i>	643753
<i>Total number of metaclusters</i>	4
<i>Total number of clusters</i>	100
<i>Markers used for FlowSOM</i>	CD103 <BUV395-A>, CD69 <BUV615-A>, KLRG1 <BUV661-A>, CD27 <BUV737-A>, CXCR5 <BV421-A>, GzmB <Pacific Blue-A>, CD44 <BV510-A>, CD25 <StarBright Violet 515-A>, CTLA-4 <BV605-A>, CXCR3 <BV650-A>, CXCR6 <BV711-A>, TNFa <BV750-A>, CD127 <BV785-A>, NKG2D <Alexa Fluor 488-A>, MHCII <Spark Blue 550-A>, CCR7 <BB700-A>, EOMES <PerCP-eFluor 710-A>, Perforin <PE-A>, T-BET <PE-Vio615-A>, PD-1 <PE-Fire 640-A>, CD64 <PE-Cy5-A>, NK1.1 <PE-Fire 700-A>, BCL2 <PE-Cy7-A>, IFNg <APC-A>, TCF1 <Alexa Fluor 647-A>, Foxp3 <AF660-A>, Ki67 <Alexa Fluor 700-A>, CD62L <APC-Fire 750-A>, CX3CR1 <APC-Fire 810-A>

Metacluster	Number of cells	Percentage of cells	Number of clusters	Clusters
1	289056	44.90	43	1, 2, 3, 4, 5, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 31, 32, 33, 34, 35, 36, 41, 42, 43, 44, 45, 46, 51, 52, 53, 54, 61, 62, 63, 64, 71, 72, 73, 81, 82, 91, 92
2	331494	51.49	49	6, 7, 8, 9, 10, 17, 18, 19, 20, 26, 27, 28, 29, 30, 37, 38, 39, 40, 47, 48, 49, 50, 55, 57, 58, 59, 65, 66, 67, 74, 75, 76, 77, 78, 83, 84, 85, 86, 87, 88, 89, 93, 94, 95, 96, 97, 98, 99, 100
3	817	0.13	1	56
4	22386	3.48	7	60, 68, 69, 70, 79, 80, 90

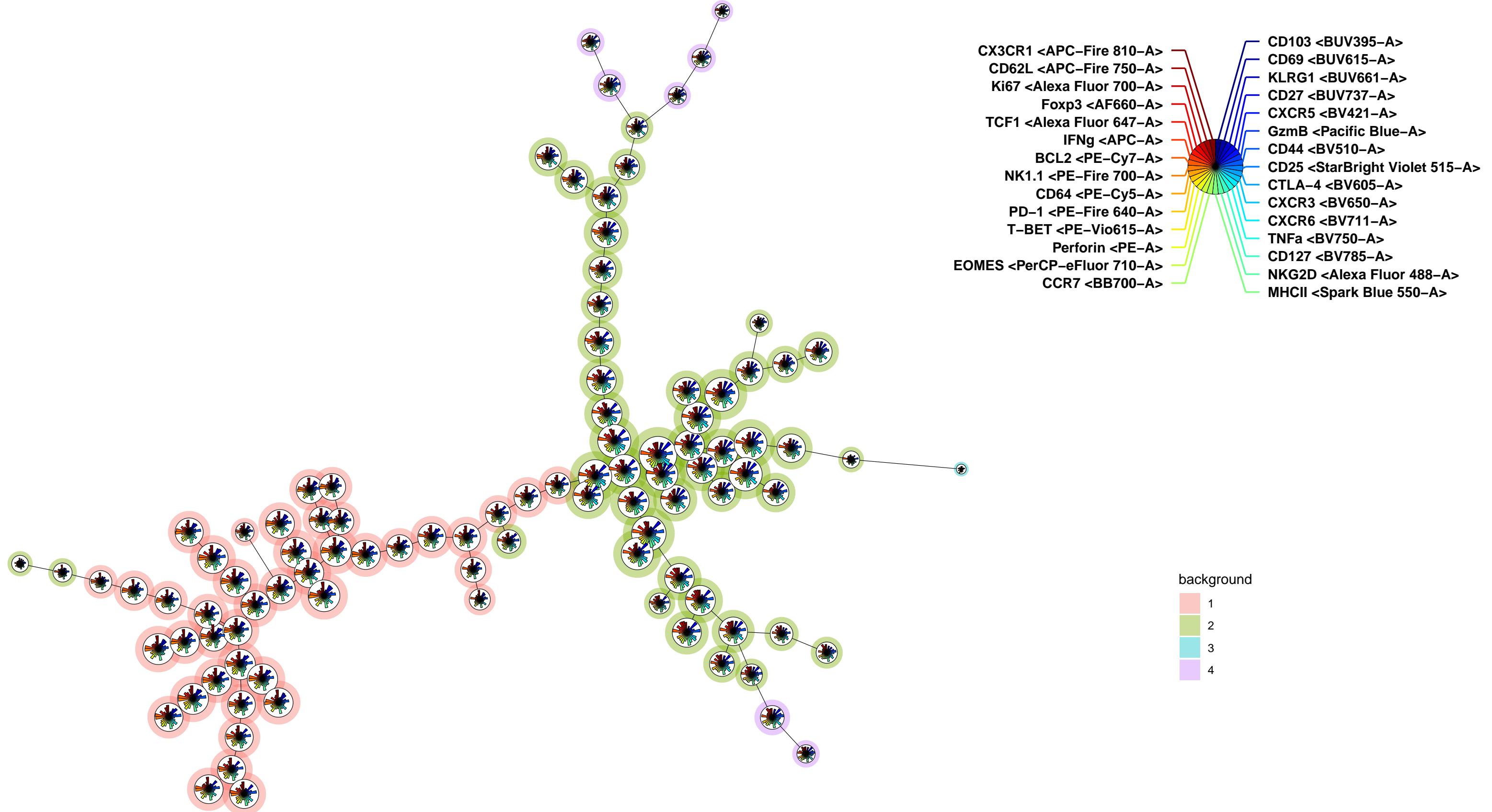
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
1	2956	0.46	1	1.02
2	7565	1.18	1	2.62
3	8191	1.27	1	2.83
4	7117	1.11	1	2.46
5	6735	1.05	1	2.33
6	5485	0.85	2	1.65
7	7139	1.11	2	2.15
8	7768	1.21	2	2.34
9	9404	1.46	2	2.84
10	8962	1.39	2	2.70
11	6917	1.07	1	2.39
12	7950	1.23	1	2.75
13	6929	1.08	1	2.40
14	6545	1.02	1	2.26
15	6759	1.05	1	2.34
16	7272	1.13	1	2.52
17	6101	0.95	2	1.84
18	10223	1.59	2	3.08
19	8251	1.28	2	2.49
20	7373	1.15	2	2.22
21	6805	1.06	1	2.35
22	7259	1.13	1	2.51
23	6518	1.01	1	2.25
24	7935	1.23	1	2.75
25	5519	0.86	1	1.91
26	4698	0.73	2	1.42
27	9569	1.49	2	2.89
28	8781	1.36	2	2.65
29	3705	0.58	2	1.12
30	7718	1.20	2	2.33

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
31	8017	1.25	1	2.77
32	7236	1.12	1	2.50
33	7219	1.12	1	2.50
34	5921	0.92	1	2.05
35	6796	1.06	1	2.35
36	5434	0.84	1	1.88
37	7866	1.22	2	2.37
38	6180	0.96	2	1.86
39	7411	1.15	2	2.24
40	7227	1.12	2	2.18
41	8142	1.26	1	2.82
42	6464	1.00	1	2.24
43	7891	1.23	1	2.73
44	6455	1.00	1	2.23
45	3806	0.59	1	1.32
46	6222	0.97	1	2.15
47	6910	1.07	2	2.08
48	7004	1.09	2	2.11
49	5316	0.83	2	1.60
50	3992	0.62	2	1.20
51	5772	0.90	1	2.00
52	7342	1.14	1	2.54
53	8185	1.27	1	2.83
54	5306	0.82	1	1.84
55	3115	0.48	2	0.94
56	817	0.13	3	100.00
57	2502	0.39	2	0.75
58	4423	0.69	2	1.33
59	3879	0.60	2	1.17
60	4835	0.75	4	21.60

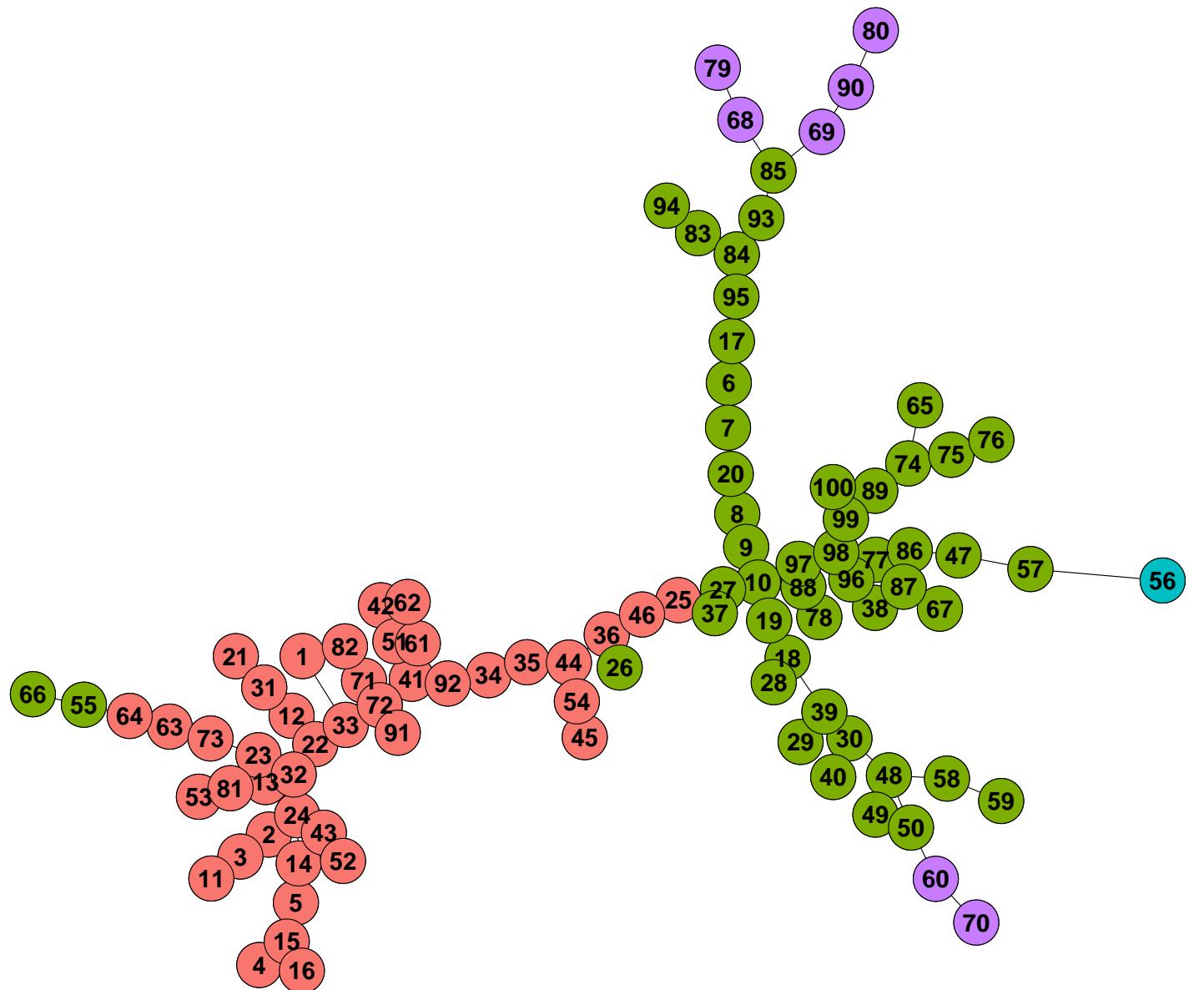
Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
61	5828	0.91	1	2.02
62	6103	0.95	1	2.11
63	6193	0.96	1	2.14
64	4291	0.67	1	1.48
65	2841	0.44	2	0.86
66	2410	0.37	2	0.73
67	5947	0.92	2	1.79
68	4057	0.63	4	18.12
69	2790	0.43	4	12.46
70	2850	0.44	4	12.73
71	7901	1.23	1	2.73
72	7418	1.15	1	2.57
73	5865	0.91	1	2.03
74	6319	0.98	2	1.91
75	5259	0.82	2	1.59
76	6272	0.97	2	1.89
77	8174	1.27	2	2.47
78	7364	1.14	2	2.22
79	2940	0.46	4	13.13
80	1794	0.28	4	8.01
81	7268	1.13	1	2.51
82	7081	1.10	1	2.45
83	6027	0.94	2	1.82
84	6967	1.08	2	2.10
85	4011	0.62	2	1.21
86	9221	1.43	2	2.78
87	9535	1.48	2	2.88
88	8650	1.34	2	2.61
89	9828	1.53	2	2.96
90	3120	0.48	4	13.94

Cluster	Number of cells	Percentage of cells	Belongs to metacluster	Percentage in metacluster
91	8597	1.34	1	2.97
92	7331	1.14	1	2.54
93	5322	0.83	2	1.61
94	5798	0.90	2	1.75
95	7656	1.19	2	2.31
96	8048	1.25	2	2.43
97	12067	1.87	2	3.64
98	7664	1.19	2	2.31
99	8578	1.33	2	2.59
100	6534	1.01	2	1.97

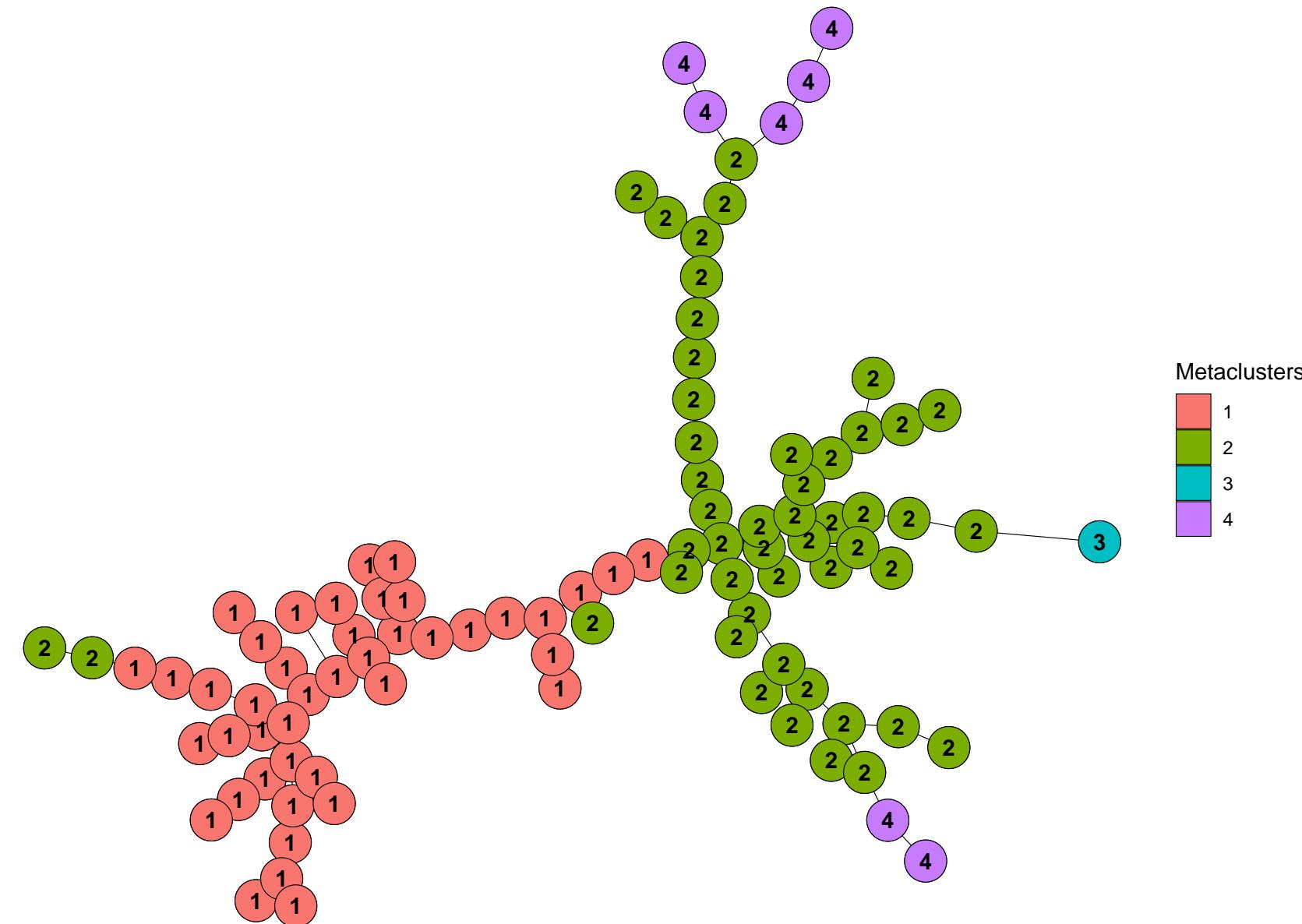
FlowSOM MST



FlowSOM Clusters



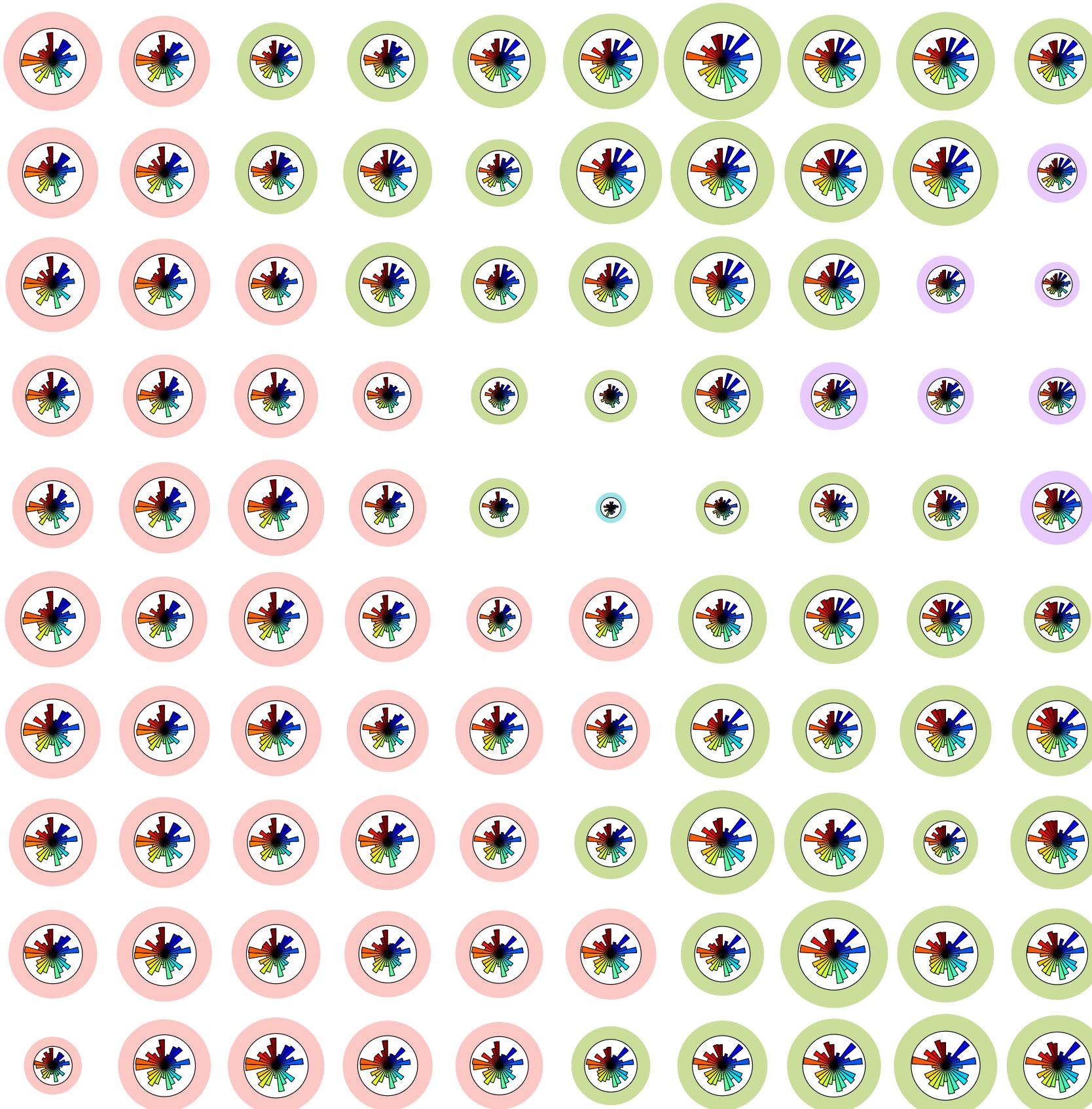
FlowSOM Metaclusters



Metaclusters

1
2
3
4

FlowSOM grid



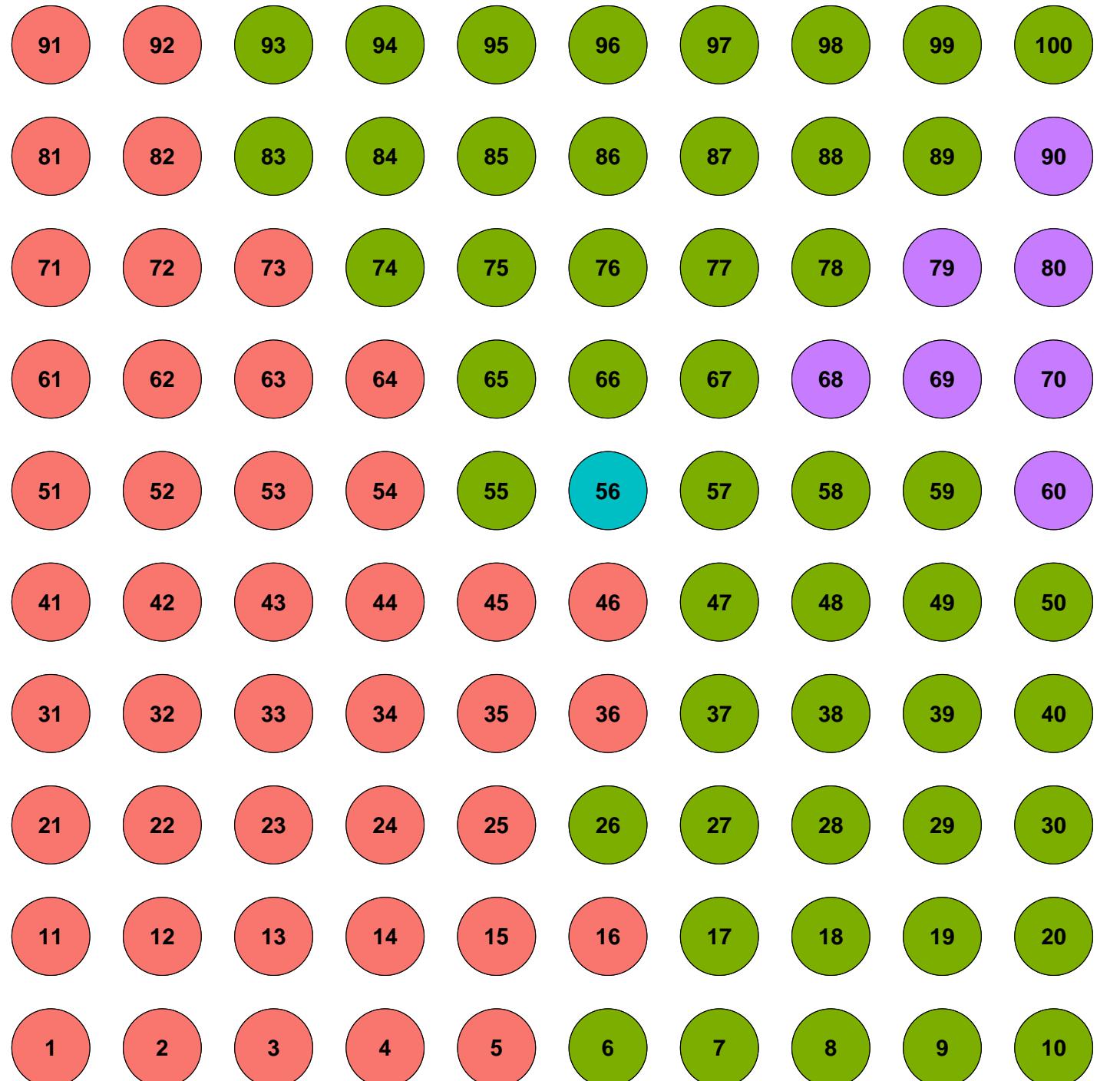
Legend for markers:

- CX3CR1 <APC-Fire 810-A>
- CD69 <BUV615-A>
- KLRG1 <BUV661-A>
- Ki67 <Alexa Fluor 700-A>
- Foxp3 <AF660-A>
- TCF1 <Alexa Fluor 647-A>
- IFNg <APC-A>
- BCL2 <PE-Cy7-A>
- NK1.1 <PE-Fire 700-A>
- CD64 <PE-Cy5-A>
- PD-1 <PE-Fire 640-A>
- T-BET <PE-Vio615-A>
- Perforin <PE-A>
- EOMES <PerCP-eFluor 710-A>
- CCR7 <BB700-A>
- CD103 <BUV395-A>
- CD69 <BUV615-A>
- KLRG1 <BUV661-A>
- Ki67 <Alexa Fluor 700-A>
- Foxp3 <AF660-A>
- TCF1 <Alexa Fluor 647-A>
- IFNg <APC-A>
- BCL2 <PE-Cy7-A>
- NK1.1 <PE-Fire 700-A>
- CD64 <PE-Cy5-A>
- PD-1 <PE-Fire 640-A>
- T-BET <PE-Vio615-A>
- Perforin <PE-A>
- EOMES <PerCP-eFluor 710-A>
- CD127 <BV785-A>
- NKG2D <Alexa Fluor 488-A>
- MHCII <Spark Blue 550-A>

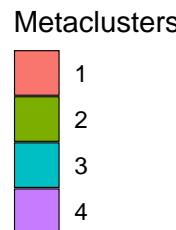
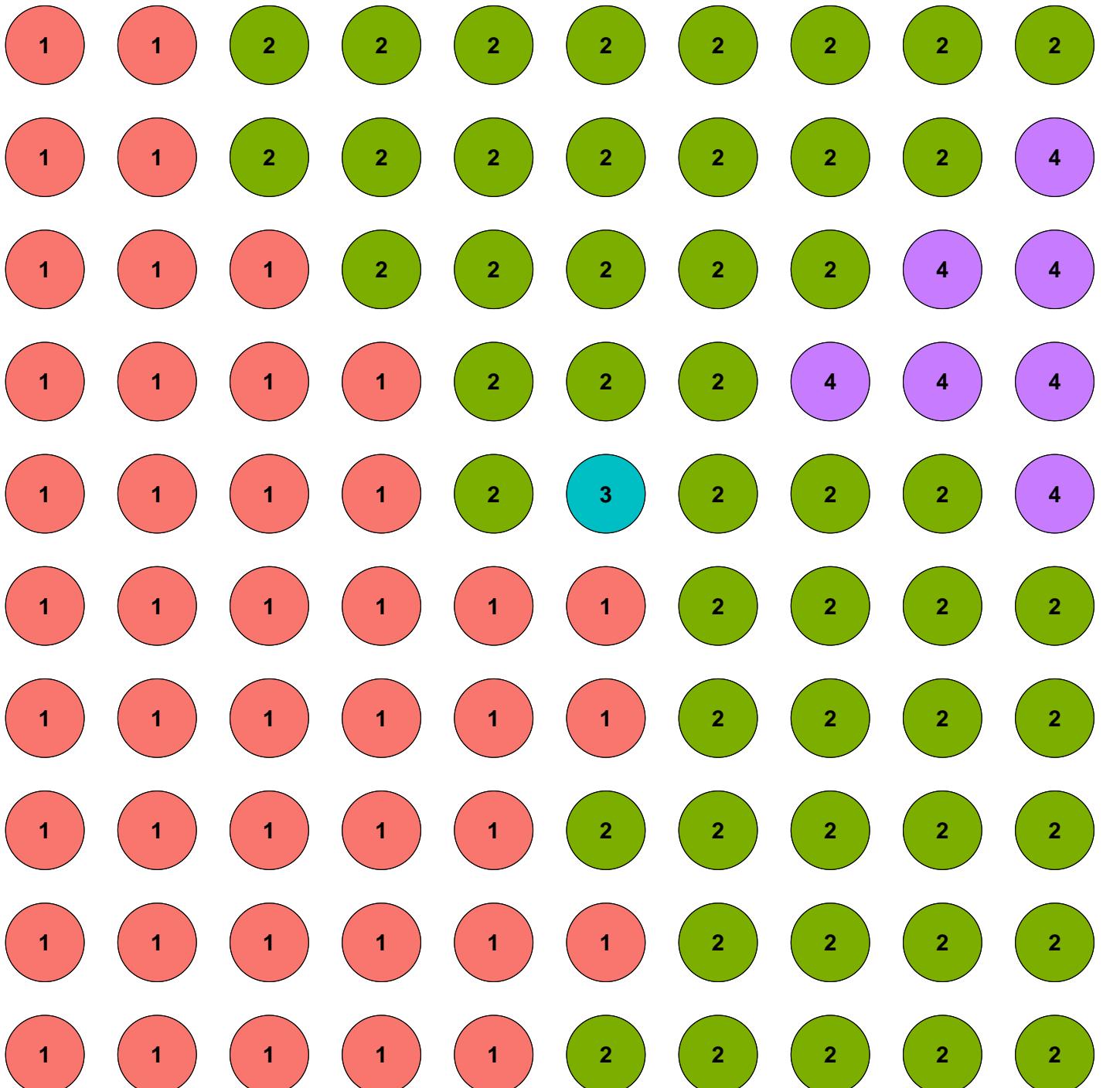
background

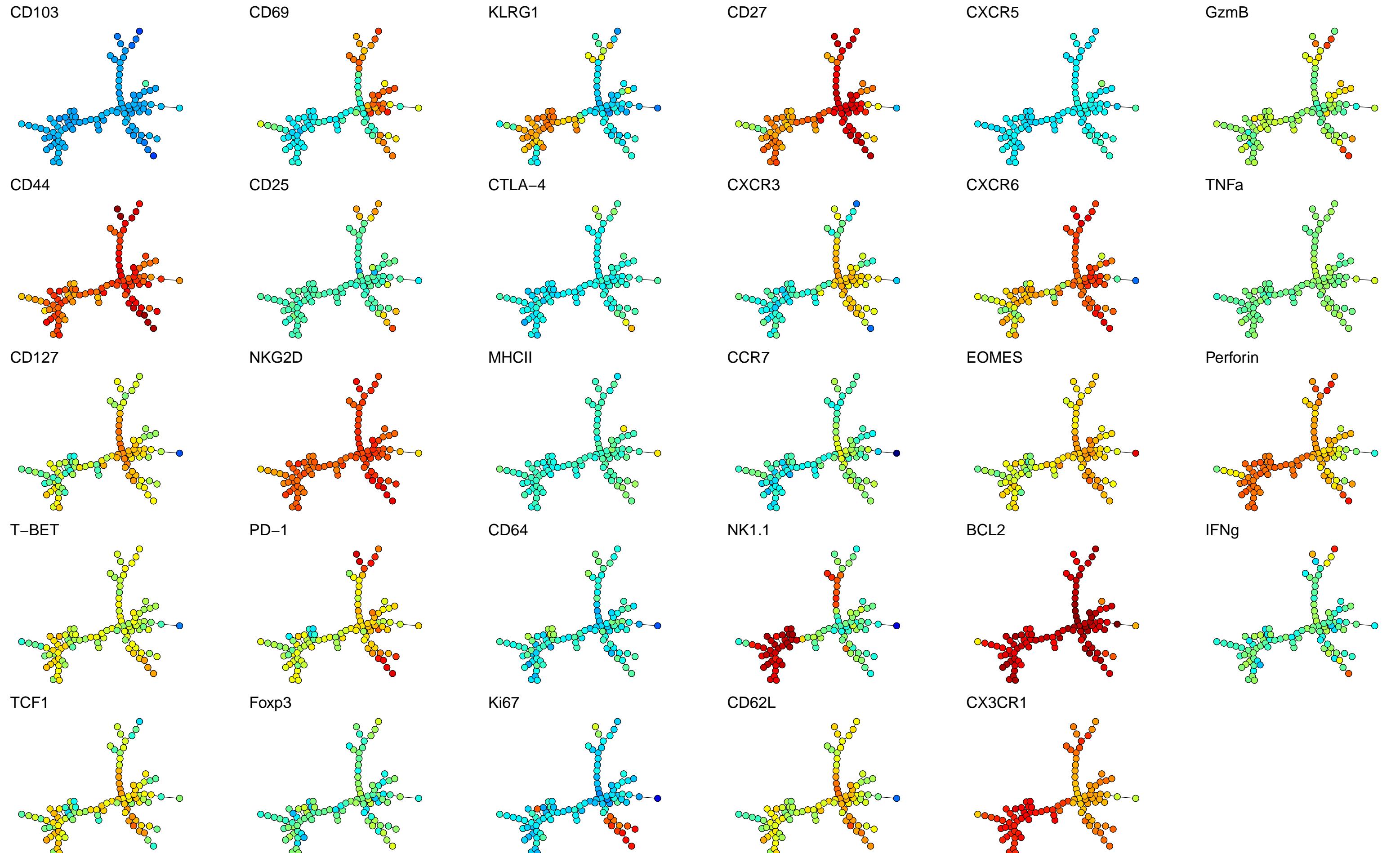
1
2
3
4

FlowSOM Clusters

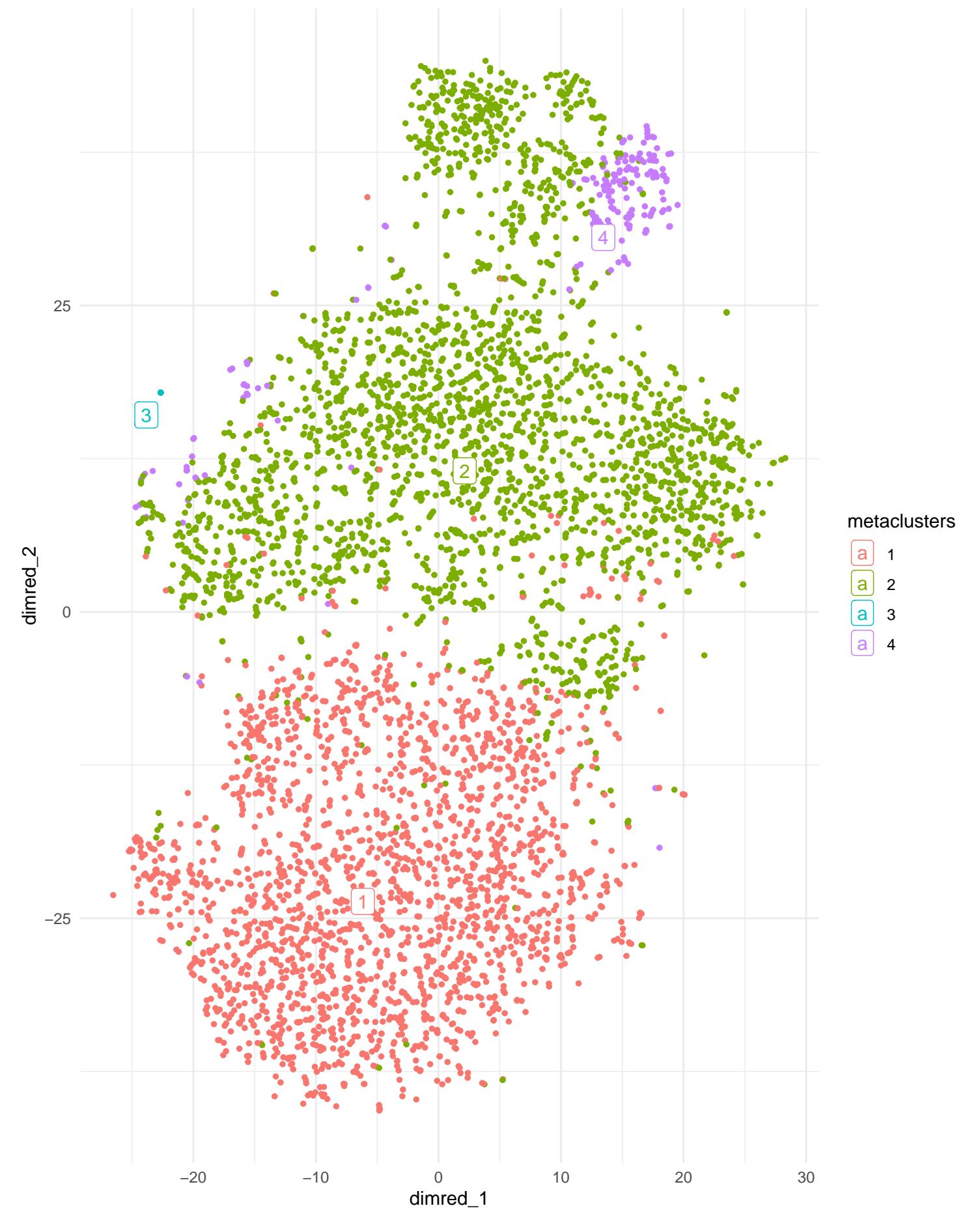


FlowSOM Metaclusters

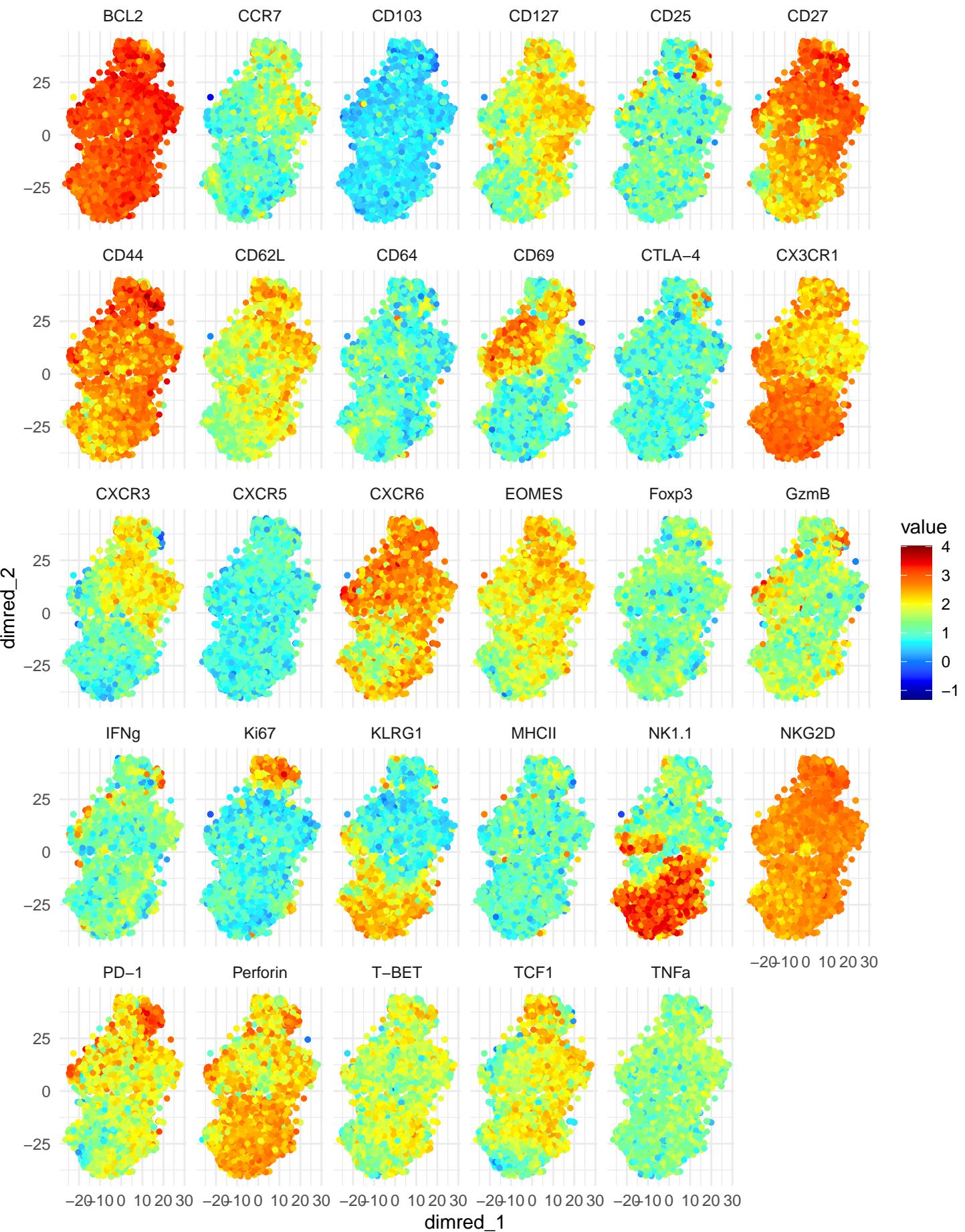




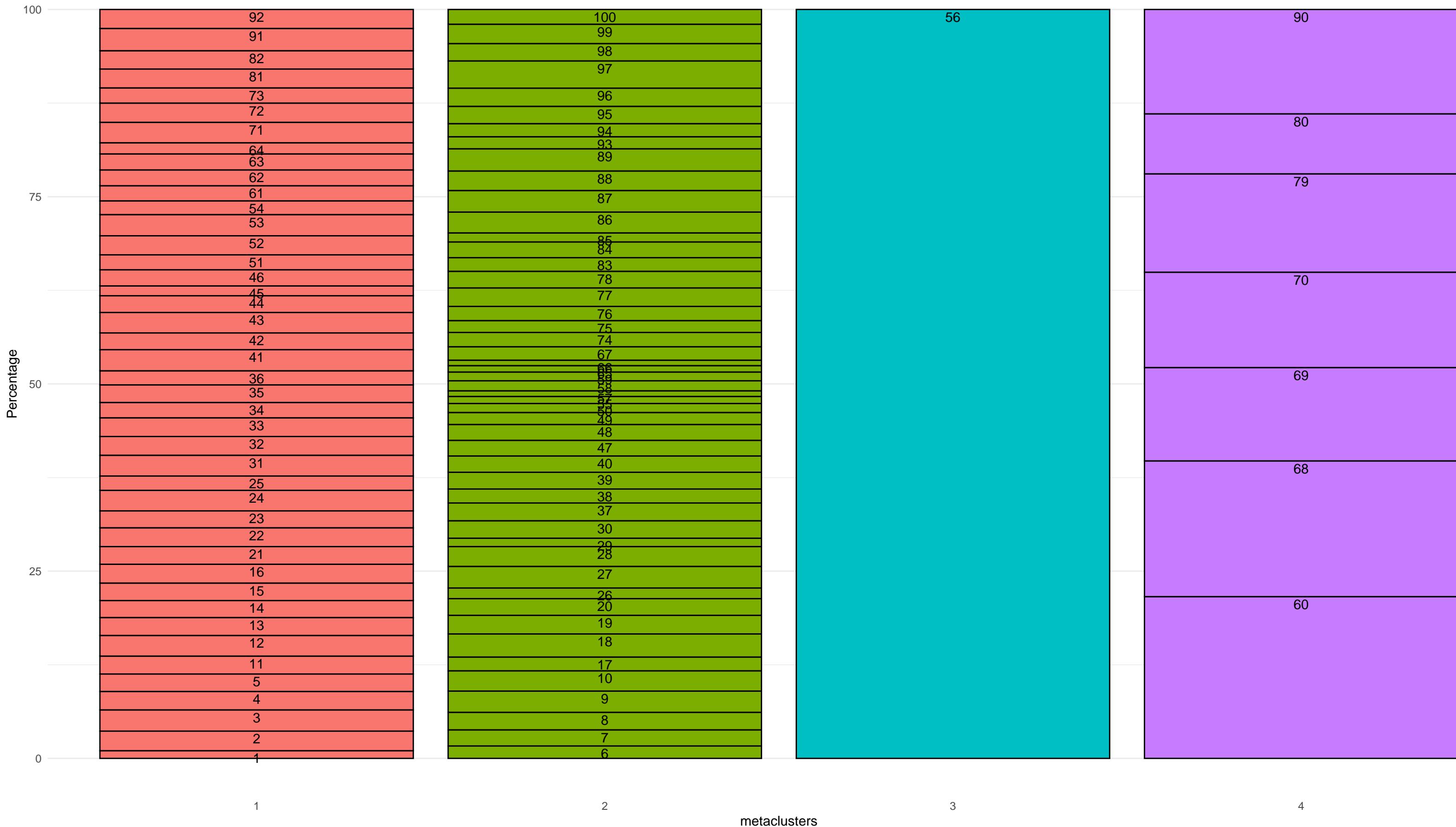
t-SNE with markers used in FlowSOM call (perplexity = 30, cells = 5000)



t-SNE with markers used in FlowSOM call (perplexity = 30, cells = 5000)



Percentages clusters per metacluster



Median expression per metacluster

